

GenCore version 5.1.7  
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OM nucleic - nucleic search, using sw model

Run on: April 1, 2006, 18:15:44 ; Search time 75.3103 Seconds  
(without alignments)  
566.476 Million cell updates/sec

Title: US-10-007-255-9  
Perfect score: 24  
Sequence: 1 cttatgtagacagcttttcaag 24

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA.\*

- 1: /cgm2\_6/ptodata/1/ina/1 COMB.seq.\*
- 2: /cgm2\_6/ptodata/1/ina/5 COMB.seq.\*
- 3: /cgm2\_6/ptodata/1/ina/6A COMB.seq.\*
- 4: /cgm2\_6/ptodata/1/ina/6B COMB.seq.\*
- 5: /cgm2\_6/ptodata/1/ina/H COMB.seq.\*
- 6: /cgm2\_6/ptodata/1/ina/PCTUS COMB.seq.\*
- 7: /cgm2\_6/ptodata/1/ina/PP COMB.seq.\*
- 8: /cgm2\_6/ptodata/1/ina/RE COMB.seq.\*
- 9: /cgm2\_6/ptodata/1/ina/backfiles1.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	24	100.0	568	2	US-08-439-814-4
C 2	24	100.0	1318	2	US-08-439-814-3
C 3	24	100.0	1688	2	US-08-439-814-2
C 4	24	100.0	2090	2	US-08-439-814-1
C 5	17.2	71.7	601	3	US-09-949-016-70889
C 6	17.2	71.7	601	3	US-09-949-016-70890
C 7	17.2	71.7	601	3	US-09-949-002-1251
C 8	17.2	71.7	601	3	US-09-949-002-8089
C 9	17.2	71.7	13204	3	US-09-054-272-49
C 10	17.2	71.7	21308	3	US-09-949-002-584
C 11	17.2	71.7	21407	3	US-09-949-002-784
C 12	17.2	71.7	125536	3	US-09-949-016-14186
C 13	17.2	71.7	185765	3	US-09-949-002-674
C 14	17.2	71.7	185766	3	US-09-949-002-707
C 15	17.2	71.7	276687	3	US-09-949-016-13840
C 16	17	70.8	92	3	US-09-621-976-17501
C 17	17	70.8	103	3	US-09-621-976-17501
C 18	17	70.8	126	3	US-09-621-976-17503
C 19	17	70.8	137	3	US-09-621-976-17502
C 20	17	70.8	150	3	US-09-621-976-13989
C 21	17	70.8	169	3	US-09-621-976-11249
C 22	17	70.8	179	3	US-09-621-976-9575
C 23	16.8	70.0	26313	3	US-09-949-016-16117
C 24	16.8	70.0	81384	3	US-09-949-016-12422

25	16.6	69.2	406	3	US-09-621-976-14718	Sequence 14718, A
26	16.6	69.2	601	3	US-09-949-016-29459	Sequence 29459, A
C 27	16.6	69.2	601	3	US-09-949-016-153865	Sequence 153865, A
28	16.6	69.2	601	3	US-09-949-016-185733	Sequence 185733, A
C 29	16.6	69.2	601	3	US-09-949-016-195083	Sequence 195083, A
C 30	16.6	69.2	601	3	US-09-949-016-195084	Sequence 195084, A
C 31	16.6	69.2	1572	3	US-09-107-532A-495	Sequence 495, App
32	16.6	69.2	24847	3	US-09-949-016-16056	Sequence 16056, A
33	16.6	69.2	25464	3	US-09-326-480A-4	Sequence 4, Appli
34	16.6	69.2	28696	3	US-09-949-016-17054	Sequence 17054, A
35	16.6	69.2	28780	3	US-09-949-016-12335	Sequence 12335, A
C 36	16.6	69.2	40130	3	US-09-949-016-17275	Sequence 17275, A
37	16.6	69.2	142504	3	US-09-949-016-13693	Sequence 13693, A
38	16.6	69.2	142506	3	US-09-949-016-12474	Sequence 12474, A
C 39	16.6	69.2	248968	3	US-09-949-016-12614	Sequence 12614, A
C 40	16.6	69.2	250958	3	US-09-949-016-16061	Sequence 16061, A
C 41	16.6	69.2	260286	3	US-09-949-016-17037	Sequence 17037, A
C 42	16.6	69.2	260293	3	US-09-949-016-12106	Sequence 12106, A
C 43	16.6	69.2	1830121	3	US-09-557-884-1	Sequence 1, Appli
C 44	16.6	69.2	1830121	3	US-09-643-990A-1	Sequence 1, Appli
C 45	16.6	69.2	1830121	3	US-10-158-865-1	Sequence 1, Appli

## ALIGNMENTS

RESULT 1  
US-08-439-814-4/c  
; Sequence 4, Application US/08439814  
; Patent No. 5968735  
; GENERAL INFORMATION:  
; APPLICANT: STEIN, Ulrike  
; APPLICANT: WALTHER, Wolfgang  
; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF  
; TITLE OF INVENTION: THERAPY-RELEVANT GENES  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NIKAI, DO, MARCELSTEIN, MURRAY & ORAM LLP  
; STREET: 655 Fifteenth Street, N. W., Suite 330 G  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005-5701  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/439,814  
; FILING DATE: 12-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE P 4238778.7  
; FILING DATE: 12-NOV-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE PCT/DE93/01086  
; FILING DATE: 10-NOV-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KLESNER, Sharon N.  
; REGISTRATION NUMBER: 36,335  
; REFERENCE/DOCKET NUMBER: P1614-5015  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202/638-5000  
; TELEFAX: 202/638-4810  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30B (EPO)  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE P4238778.7

; FILING DATE: 12-NOV-1992  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: WO PCT/DE93/01086  
 ; FILING DATE: 10-NOV-1993  
 ; INFORMATION FOR SEQ ID NO: 4:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 568 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-08-439-814-4

Query Match 100.0%; Score 24; DB 2; Length 568;  
 Best Local Similarity 100.0%; Pred. No. 0.031;  
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGTCCTTTCAAAG 24  
 ||||||||||||||||||  
 Db 203 CTTATGTAGACACGTCCTTTCAAAG 180

RESULT 2  
 US-08-439-814-3/c  
 ; Sequence 3, Application US/08439814  
 ; Patent No. 5968735  
 ; GENERAL INFORMATION:  
 ; APPLICANT: STEIN, Ulrike  
 ; APPLICANT: WALTHER, Wolfgang  
 ; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF  
 ; TITLE OF INVENTION: THERAPY-RELEVANT GENES  
 ; NUMBER OF SEQUENCES: 7  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: NIKAI, MARMELSTEIN, MURRAY & ORAM LLP  
 ; STREET: 655 Fifteenth Street, N. W., Suite 330 G  
 ; CITY: Washington  
 ; STATE: DC  
 ; COUNTRY: USA  
 ; ZIP: 20005-5701  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/439,814  
 ; FILING DATE: 12-MAY-1995  
 ; CLASSIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: DE P 4238778.7  
 ; FILING DATE: 12-NOV-1992  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: DE PCT/DE93/01086  
 ; FILING DATE: 10-NOV-1993  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: KLESNER, Sharon N.  
 ; REGISTRATION NUMBER: 36,335  
 ; REFERENCE/DOCKET NUMBER: P1614-5015  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 202/638-5000  
 ; TELEFAX: 202/638-4810  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30B (EPO)  
 ; PRIOR APPLICATION DATA: DE P4238778.7  
 ; FILING DATE: 12-NOV-1992  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: WO PCT/DE93/01086  
 ; FILING DATE: 10-NOV-1993

; INFORMATION FOR SEQ ID NO: 3:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 1318 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-08-439-814-3  
 Query Match 100.0%; Score 24; DB 2; Length 1318;  
 Best Local Similarity 100.0%; Pred. No. 0.035;  
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGTCCTTTCAAAG 24  
 ||||||||||||||||||  
 Db 953 CTTATGTAGACACGTCCTTTCAAAG 930

RESULT 3  
 US-08-439-814-2/c  
 ; Sequence 2, Application US/08439814  
 ; Patent No. 5968735  
 ; GENERAL INFORMATION:  
 ; APPLICANT: STEIN, Ulrike  
 ; APPLICANT: WALTHER, Wolfgang  
 ; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF  
 ; TITLE OF INVENTION: THERAPY-RELEVANT GENES  
 ; NUMBER OF SEQUENCES: 7  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: NIKAI, MARMELSTEIN, MURRAY & ORAM LLP  
 ; STREET: 655 Fifteenth Street, N. W., Suite 330 G  
 ; CITY: Washington  
 ; STATE: DC  
 ; COUNTRY: USA  
 ; ZIP: 20005-5701  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/439,814  
 ; FILING DATE: 12-MAY-1995  
 ; CLASSIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: DE P 4238778.7  
 ; FILING DATE: 12-NOV-1992  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: DE PCT/DE93/01086  
 ; FILING DATE: 10-NOV-1993  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: KLESNER, Sharon N.  
 ; REGISTRATION NUMBER: 36,335  
 ; REFERENCE/DOCKET NUMBER: P1614-5015  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 202/638-5000  
 ; TELEFAX: 202/638-4810  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30B (EPO)  
 ; PRIOR APPLICATION DATA: DE P4238778.7  
 ; FILING DATE: 12-NOV-1992  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: WO PCT/DE93/01086  
 ; FILING DATE: 10-NOV-1993  
 ; INFORMATION FOR SEQ ID NO: 2:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 1688 base pairs  
 ; TYPE: nucleic acid

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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-439-814-2

Query Match      100.0%; Score 24; DB 2; Length 1688;
Best Local Similarity 100.0%; Pred. No. 0.036;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTTATGTAGACACGCTCTTTCAAAG 24
    |||||
Db 1323 CTTATGTAGACACGCTCTTTCAAAG 1300

RESULT 4
US-08-439-814-1/c
; Sequence 1, Application US/08439814
; Patent No. 5968735
; GENERAL INFORMATION:
; APPLICANT: STEIN, Ulrike
; APPLICANT: WALTHER, Wolfgang
; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF
; TITLE OF INVENTION: THERAPY-RELEVANT GENES
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIKAI DO, MARCEL STEIN, MURRAY & ORAM LLP
; STREET: 655 Fifteenth Street, N. W., Suite 330 G
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/439,814
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: KLESNER, Sharon N.
; REGISTRATION NUMBER: 36,335
; REFERENCE/DOCKET NUMBER: P1614-5015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202/638-5000
; TELEFAX: 202/638-4810
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30B (BPO)
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4238778.7
; FILING DATE: 12-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/DE93/01086
; FILING DATE: 10-NOV-1993
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2090 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-439-814-1

Query Match      100.0%; Score 24; DB 2; Length 1688;
Best Local Similarity 100.0%; Pred. No. 0.036;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTTATGTAGACACGCTCTTTCAAAG 24
    |||||
Db 1323 CTTATGTAGACACGCTCTTTCAAAG 1300

RESULT 5
US-09-949-016-70889/c
; Sequence 70889, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 70889
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-70889

Query Match      71.7%; Score 17.2; DB 3; Length 601;
Best Local Similarity 86.4%; Pred. No. 68;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TTATGTAGACACGCTCTTTCAA 23
    |||||
Db 315 TTATGTATACATGCTTTTAA 294

RESULT 6
US-09-949-016-70890/c
; Sequence 70890, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 70890
; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-70890

Query Match      71.7%; Score 17.2; DB 3; Length 601;
Best Local Similarity 86.4%; Pred. No. 68;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 2 TTATGTAGACACGTCCTTTCAAA 23  
|||  
Db 95 TTATGTATACATGTCCTTTTAAA 74

## RESULT 7

US-09-949-002-1251/c  
; Sequence 1251, Application US/09949002  
; Patent No. 690016  
; GENERAL INFORMATION:

: **INVENTOR:** J. Craig et al.  
 : **TITLE OF INVENTION:** POLYMORPHISMS IN KNOWN GENES ASSOCIATED  
 : **TITLE OF INVENTION:** WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION  
 : **TITLE OF INVENTION:** AND USES THEREOF

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; TITLE OF INVENTION AND USES THEREOF
; FILE REFERENCE: CL000790
; CURRENT APPLICATION NUMBER: US/09/949,002

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COMMENTS AND ACTION NUMBER: 05/09/24  
; CURRENT FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: 60/231,401

PRIOR FILING DATE: 2000-09-06  
NUMBER OF SEQ ID NOS: 10823

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; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1251
; LENGTH: 601

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TYPE: DNA  
ORGANISM: Human

Query Match 71.7%; Score 17.2; DB 3; Length 601;  
Best Local Similarity 86.4%; Pred.No. 68;  
Matches 19: Conservative 0: Mismatches 3: Indels

Qy 1 CTTATGTAGACACGCTCTTTCAA 22  
Dy 442 CTAATGTAGACACGCTCTTTCAA 421

## RESULT 8

US-09-949-002-8089/c  
; Sequence 8089, Application US/09949002  
; Patent No. 690016  
; GENERAL INFORMATION:

; ORIGIN: J. Craig et al.  
; APPLICANT: VENTER, J. Craig et al.  
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

	TITLE OF INVENTION:	WITH INFLAMMATOR
	TITLE OF INVENTION:	AND USES THEREOF

```

; FILE REFERENCE: CL000790
; CURRENT APPLICATION NUMBER: US/09/949,002

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; CURRENT FILING DATE: 2000-01-28  
 ; PRIOR APPLICATION NUMBER: 60/231,401

; PRIOR FILING DATE: 2000-09-06  
 ; NUMBER OF SEQ ID NOS: 10823

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; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 8089
; LENGTH: 601
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; TYPE: DNA
; ORGANISM: Human

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Query Match 71.7%; Score 17.2; DB 3; Length 601;  
Best Local Similarity 86.4%; Pred. No. 68;  
Matches 19; Conservative 0; Mismatches 3; Indels

Qy 1 CTTATGTAGACAGCTCTTTCAA 22  
442 CTAATGTAGACAGCTCTTTCAA 421

## RESULT 9

US-09-054-272-49  
; Sequence 49, Application US/09054272  
; Patent No. 6692909  
; GENERAL INFORMATION:  
; APPLICANT: Lander, Eric S.

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Query Match      71.7%; Score 17.2; DB 3; Length 21308;
Best Local Similarity 86.4%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CTTATGTAGACACGCTCTTTCAA 22
Db 9134 CTAATGTAGACACGCTCTTTCAA 9155

RESULT 11
US-09-949-002-784
; Sequence 784, Application US/09949002
; Patent No. 6900016
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: CL000790
; CURRENT APPLICATION NUMBER: US/09/949,002
; CURRENT FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: 60/231,401
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 10823
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 784
; LENGTH: 21407
; TYPE: DNA
; ORGANISM: Human
US-09-949-002-784

Query Match      71.7%; Score 17.2; DB 3; Length 21407;
Best Local Similarity 86.4%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CTTATGTAGACACGCTCTTTCAA 22
Db 9231 CTAATGTAGACACGCTCTTTCAA 9252

RESULT 12
US-09-949-016-14186/c
; Sequence 14186, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14186
; LENGTH: 125536
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-14186

Query Match      71.7%; Score 17.2; DB 3; Length 125536;
Best Local Similarity 86.4%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TTATGTAGACACGCTCTTTCAA 23
Db 120935 TTATGAAGACACTTCTTTTAA 120914
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RESULT 13
US-09-949-002-674
; Sequence 674, Application US/09949002
; Patent No. 6900016
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: CL000790
; CURRENT APPLICATION NUMBER: US/09/949,002
; CURRENT FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: 60/231,401
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 10823
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 674
; LENGTH: 185765
; TYPE: DNA
; ORGANISM: Human
US-09-949-002-674

Query Match      71.7%; Score 17.2; DB 3; Length 185765;
Best Local Similarity 86.4%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TTATGTAGACACGCTCTTTCAA 23
Db 14087 TTATTTAGACACTTCTTCCAAA 14108

RESULT 14
US-09-949-002-707
; Sequence 707, Application US/09949002
; Patent No. 6900016
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: CL000790
; CURRENT APPLICATION NUMBER: US/09/949,002
; CURRENT FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: 60/231,401
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 10823
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 707
; LENGTH: 185766
; TYPE: DNA
; ORGANISM: Human
US-09-949-002-707

Query Match      71.7%; Score 17.2; DB 3; Length 185766;
Best Local Similarity 86.4%; Pred. No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TTATGTAGACACGCTCTTTCAA 23
Db 14087 TTATTTAGACACTTCTTCCAAA 14108

RESULT 15
US-09-949-016-13840/c
; Sequence 13840, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
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;  
; CURRENT APPLICATION NUMBER: US/09/949,016  
; CURRENT FILING DATE: 2000-04-14  
; PRIOR APPLICATION NUMBER: 60/241,755  
; PRIOR FILING DATE: 2000-10-20  
; PRIOR APPLICATION NUMBER: 60/237,768  
; PRIOR FILING DATE: 2000-10-03  
; PRIOR APPLICATION NUMBER: 60/231,498  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 207012  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 13840  
; LENGTH: 276687  
; TYPE: DNA  
; ORGANISM: Human  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)...(276687)  
; OTHER INFORMATION: n = A,T,C or G  
US-09-949-016-13840

Query Match 71.7%; Score 17.2; DB 3; Length 276687;  
Best Local Similarity 86.4%; Pred. No. 1.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 TTATGTAGACAGTCTTTCAA 23  
Db 43890 TTATGTATACATGCTTTTAA 43869

Search completed: April 1, 2006, 18:30:47  
Job time : 81.3103 secs

GenCore version 5.1.7  
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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:14:36 ; Search time 557.517 Seconds  
(without alignments)  
355.980 Million cell updates/sec

Title: US-10-007-255-9

Perfect score: 24

Sequence: 1 cttatgtagacacgtctttcaag 24

Scoring table:

Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA Main:

- 1: /cgn2\_6/ptodata/1/pubpna/US07\_PUBCOMB.seq.\*
- 2: /cgn2\_6/ptodata/1/pubpna/US08\_PUBCOMB.seq.\*
- 3: /cgn2\_6/ptodata/1/pubpna/US09A\_PUBCOMB.seq.\*
- 4: /cgn2\_6/ptodata/1/pubpna/US09B\_PUBCOMB.seq.\*
- 5: /cgn2\_6/ptodata/1/pubpna/US10A\_PUBCOMB.seq.\*
- 6: /cgn2\_6/ptodata/1/pubpna/US10B\_PUBCOMB.seq.\*
- 7: /cgn2\_6/ptodata/1/pubpna/US10C\_PUBCOMB.seq.\*
- 8: /cgn2\_6/ptodata/1/pubpna/US10D\_PUBCOMB.seq.\*
- 9: /cgn2\_6/ptodata/1/pubpna/US10E\_PUBCOMB.seq.\*
- 10: /cgn2\_6/ptodata/1/pubpna/US11\_PUBCOMB.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	24	100.0	24	9 US-10-007-255-9	Sequence 9, Appli
2	24	100.0	24	9 US-10-007-255-26	Sequence 26, Appli
3	24	100.0	633	8 US-10-482-433A-3	Sequence 3, Appli
4	24	100.0	645	4 US-09-925-065A-860766	Sequence 860766,
5	24	100.0	2932	8 US-10-473-126-37	Sequence 37, Appli
6	24	100.0	10200	9 US-10-415-607-5	Sequence 5, Appli
7	24	100.0	177380	8 US-10-484-577-683	Sequence 683, App
8	23	95.8	23	9 US-10-007-255-51	Sequence 51, Appli
9	23	95.8	23	9 US-10-007-255-55	Sequence 55, Appli
10	22	91.7	22	9 US-10-007-255-52	Sequence 52, Appli
11	22	91.7	22	9 US-10-007-255-56	Sequence 56, Appli
12	21	87.5	21	9 US-10-007-255-53	Sequence 53, Appli
13	21	87.5	21	9 US-10-007-255-54	Sequence 54, Appli
14	21	87.5	21	9 US-10-007-255-57	Sequence 57, Appli
15	20	83.3	20	9 US-10-007-255-58	Sequence 58, Appli
16	19.8	82.5	633	8 US-10-482-433A-6	Sequence 24, Appli
17	19.8	82.5	2932	7 US-10-451-646-24	Sequence 24, Appli
18	19.8	82.5	2932	8 US-10-473-126-167	Sequence 167, App
19	19	79.2	19	9 US-10-965-348-240	Sequence 240, App
20	19	79.2	19	9 US-10-965-348-242	Sequence 242, App
21	18.8	78.3	562	4 US-09-925-065A-374461	Sequence 374461,
22	18.6	77.5	19	8 US-10-484-577-507	Sequence 507, App
23	18.6	77.5	19	8 US-10-484-577-508	Sequence 508, App

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c 24 18.6 77.5 19 9 US-10-965-348-241
25 18.6 77.5 19 9 US-10-965-348-243
26 18.2 75.8 491 7 US-10-437-963-86300
c 27 18.2 75.8 494 3 US-09-770-961-577
28 18.2 75.8 520 8 US-10-357-930-19156
c 29 18.2 75.8 597 8 US-10-357-930-54995
30 18.2 75.8 600 9 US-10-972-079-71234
c 31 18.2 75.8 600 9 US-10-972-079-71235
32 18.2 75.8 600 9 US-10-972-079-93257
33 18.2 75.8 642 8 US-10-357-930-48960
34 18.2 75.8 662 4 US-09-925-065A-810971
35 18.2 75.8 662 7 US-10-437-963-86301
36 18.2 75.8 2932 8 US-10-473-126-168
c 37 18.2 75.8 2932 8 US-10-473-126-313
38 17.8 74.2 619 4 US-09-925-065A-5545
39 17.8 74.2 619 4 US-09-925-065A-5546
40 17.8 74.2 619 4 US-09-925-065A-5547
41 17.8 74.2 619 5 US-10-027-632-8632
42 17.8 74.2 619 6 US-10-027-632-8632
43 17.8 74.2 665 5 US-10-027-632-99405
44 17.8 74.2 665 5 US-10-027-632-99406
45 17.8 74.2 665 6 US-10-027-632-99405

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#### ALIGNMENTS

##### RESULT 1

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US-10-007-255-9
; Sequence 9, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 24
; TYPE: DNA
; ORGANISM: homo sapiens
; US-10-007-255-9

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Query Match 100.0%; Score 24; DB 9; Length 24;  
Best Local Similarity 100.0%; Pred. No. 0.18;  
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 CTTATGTAGACACGTCTTTCAAG 24
    |||||
Db 1 CTTATGTAGACACGTCTTTCAAG 24

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##### RESULT 2

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US-10-007-255-26/c
; Sequence 26, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 24
; TYPE: DNA

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; ORGANISM: homo sapiens  
US-10-007-255-26

Query Match 100.0%; Score 24; DB 9; Length 24;  
Best Local Similarity 100.0%; Pred. No. 0.18;  
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAAAG 24  
|||||  
DB 24 CTTATGTAGACACGCTCTTTCAAAG 1

## RESULT 3

US-10-482-433A-3/c  
; Sequence 3, Application US/10482433A  
; Publication No. US20040265814A1  
; GENERAL INFORMATION:  
; APPLICANT: Epigenomics AG  
; TITLE OF INVENTION: Method for the detection of cytosine methylation by comparative  
; FILE REFERENCE: 82174  
; CURRENT APPLICATION NUMBER: US/10/482,433A  
; CURRENT FILING DATE: 2003-12-29  
; PRIOR FILING DATE: 2001-06-27  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 3  
; LENGTH: 633  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Amplification Product of MdRI-Fragment  
US-10-482-433A-3

Query Match 100.0%; Score 24; DB 8; Length 633;  
Best Local Similarity 100.0%; Pred. No. 0.31;  
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAAAG 24  
|||||  
DB 211 CTTATGTAGACACGCTCTTTCAAAG 188

## RESULT 4

US-09-925-065A-860766/c  
; Sequence 860766, Application US/09925065A  
; Publication No. US20050228172A9  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single  
; FILE REFERENCE: 108827.135  
; CURRENT APPLICATION NUMBER: US/09/925,065A  
; CURRENT FILING DATE: 2001-08-08  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 60/243,096  
; PRIOR FILING DATE: 2000-11-20  
; PRIOR APPLICATION NUMBER: US 60/252,147  
; PRIOR FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 60/250,092  
; PRIOR FILING DATE: 2001-01-16  
; PRIOR APPLICATION NUMBER: US 60/261,766  
; PRIOR FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: US 60/289,846  
; NUMBER OF SEQ ID NOS: 957086  
; SOFTWARE: Fast-SEQ for Windows Version 4.0  
; SEQ ID NO 860766  
; LENGTH: 645  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-925-065A-860766

Query Match 100.0%; Score 24; DB 4; Length 645;  
Best Local Similarity 100.0%; Pred. No. 0.31;  
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAAAG 24  
|||||  
DB 164 CTTATGTAGACACGCTCTTTCAAAG 141

## RESULT 5

US-10-473-126-37/c  
; Sequence 37, Application US/10473126  
; Publication No. US20040234973A1  
; GENERAL INFORMATION:  
; APPLICANT: Epigenomics AG  
; TITLE OF INVENTION: Methods and nucleic acids for the analysis of hematopoietic cell  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/10/473,126  
; CURRENT FILING DATE: 2003-09-26  
; NUMBER OF SEQ ID NOS: 1258  
; SEQ ID NO 37  
; LENGTH: 2932  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
US-10-473-126-37

Query Match 100.0%; Score 24; DB 8; Length 2932;  
Best Local Similarity 100.0%; Pred. No. 0.4;  
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAAAG 24  
|||||  
DB 828 CTTATGTAGACACGCTCTTTCAAAG 805

## RESULT 6

US-10-415-607-5/c  
; Sequence 5, Application US/10415607  
; Publication No. US20050076397A1  
; GENERAL INFORMATION:  
; APPLICANT: Liddle, Christopher  
; APPLICANT: Goodwin, Bryan J.  
; APPLICANT: Robertson, Graham  
; TITLE OF INVENTION: P450 GENE REGULATION  
; FILE REFERENCE: A-72251/RFT  
; CURRENT APPLICATION NUMBER: US/10/415,607  
; CURRENT FILING DATE: 2003-09-08  
; PRIOR APPLICATION NUMBER: PCT/AU01/01407  
; PRIOR FILING DATE: 2001-11-01  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 5  
; LENGTH: 10200  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-415-607-5

Query Match 100.0%; Score 24; DB 9; Length 10200;  
Best Local Similarity 100.0%; Pred. No. 0.49;  
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAAAG 24  
|||||  
DB 9051 CTTATGTAGACACGCTCTTTCAAAG 9028

## RESULT 7

US-10-484-577-683/c  
; Sequence 683, Application US/10484577  
; Publication No. US20050032724A1  
; GENERAL INFORMATION:  
; APPLICANT: EPIDAUROS Biotechnologie Aktiengesellschaft



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; TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGT1A
; FILE REFERENCE: F2285PCT-1
; CURRENT APPLICATION NUMBER: US/10/484,577
; PRIOR FILING DATE: 2004-01-22
; PRIOR APPLICATION NUMBER: PCT/EP 02/08220
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: EP 01 11 7608.8
; PRIOR FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: EP 02011710.7
; PRIOR FILING DATE: 2002-05-24
; NUMBER OF SEQ ID NOS: 683
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 683
; LENGTH: 177380
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-484-577-683

Query Match          100.0%; Score 24; DB 8; Length 177380;
Best Local Similarity 100.0%; Pred. No. 0.79;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAAAG 24
Db 140580 CTTATGTAGACACGCTCTTTCAAAG 140557

RESULT 8
US-10-007-255-51/c
; Sequence 51, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 51
; LENGTH: 23
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-51

Query Match          95.8%; Score 23; DB 9; Length 23;
Best Local Similarity 100.0%; Pred. No. 0.54;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAA 23
Db 23 CTTATGTAGACACGCTCTTTCAA 1

RESULT 9
US-10-007-255-55/c
; Sequence 55, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 23
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-55

Query Match          95.8%; Score 23; DB 9; Length 23;
Best Local Similarity 100.0%; Pred. No. 0.54;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAA 23
Db 23 CTTATGTAGACACGCTCTTTCAA 1

RESULT 10
US-10-007-255-52/c
; Sequence 52, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 22
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-52

Query Match          91.7%; Score 22; DB 9; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAA 22
Db 22 CTTATGTAGACACGCTCTTTCAA 1

RESULT 11
US-10-007-255-56/c
; Sequence 56, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56
; LENGTH: 22
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-56

Query Match          91.7%; Score 22; DB 9; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAA 22
Db 22 CTTATGTAGACACGCTCTTTCAA 1

RESULT 12
US-10-007-255-53/c
; Sequence 53, Application US/10007255
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; ORGANISM: homo sapiens
US-10-007-255-55

Query Match          95.8%; Score 23; DB 9; Length 23;
Best Local Similarity 100.0%; Pred. No. 0.54;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 TTATGTAGACACGCTCTTTCAAAG 24
Db 23 TTATGTAGACACGCTCTTTCAAAG 1

RESULT 10
US-10-007-255-52/c
; Sequence 52, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 22
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-52

Query Match          91.7%; Score 22; DB 9; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTTATGTAGACACGCTCTTTCAA 22
Db 22 CTTATGTAGACACGCTCTTTCAA 1

RESULT 11
US-10-007-255-56/c
; Sequence 56, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56
; LENGTH: 22
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-56

Query Match          91.7%; Score 22; DB 9; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTCTTTCAAAG 24
Db 22 TATGTAGACACGCTCTTTCAAAG 1

RESULT 12
US-10-007-255-53/c
; Sequence 53, Application US/10007255
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; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies and
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; EARLIER FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-53

Query Match      87.5%; Score 21; DB 9; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTTATGTAGACACGCTCTTTCA 21
Db 21 CTTATGTAGACACGCTCTTTCA 1

RESULT 13
US-10-007-255-54/c
; Sequence 54, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies and
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; EARLIER FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-54

Query Match      87.5%; Score 21; DB 9; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTTATGTAGACACGCTCTTTCA 21
Db 21 CTTATGTAGACACGCTCTTTCA 1

RESULT 14
US-10-007-255-57/c
; Sequence 57, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies and
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; EARLIER FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 57
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
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US-10-007-255-57

Query Match      87.5%; Score 21; DB 9; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 ATGTAGACACGCTCTTTCAAAG 24
Db 21 ATGTAGACACGCTCTTTCAAAG 1

RESULT 15
US-10-007-255-58/c
; Sequence 58, Application US/10007255
; Publication No. US20050203036A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies and
; FILE REFERENCE: B0801/7233 (ERP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; EARLIER FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-007-255-58

Query Match      83.3%; Score 20; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 TGTAGACACGCTCTTTCAAAG 24
Db 20 TGTAGACACGCTCTTTCAAAG 1

Search completed: April 2, 2006, 11:52:25
Job time : 558.517 secs
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GenCore version 5.1.7  
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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:33:54 ; Search time 492.966 Seconds  
(without alignments)  
194.399 Million cell updates/sec

Title: US-10-007-255-9

Perfect score: 24

Sequence: 1 cttatgtagacacgtctttcaag 24

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 9263891 seqs, 1996499642 residues

Total number of hits satisfying chosen parameters: 18527782

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA New:\*

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- 2: /SIDSS/ptodata/2/pubpna/US06\_NEW\_PUB.seq:\*
- 3: /SIDSS/ptodata/2/pubpna/US07\_NEW\_PUB.seq:\*
- 4: /SIDSS/ptodata/2/pubpna/PCT\_NEW\_PUB.seq:\*
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- 6: /SIDSS/ptodata/2/pubpna/US05\_NEW\_PUB.seq:\*
- 7: /SIDSS/ptodata/2/pubpna/US10\_NEW\_PUB.seq:\*
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- 9: /SIDSS/ptodata/2/pubpna/US10\_NEW\_PUB.seq:\*
- 10: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq:\*
- 11: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq:\*
- 12: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq:\*
- 13: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq:\*
- 14: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq:\*
- 15: /SIDSS/ptodata/2/pubpna/US60\_NEW\_PUB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	24	100.0	645	US-09-925-065A-860766	Sequence 860766,
C 2	18.8	78.3	562	US-09-925-065A-374461	Sequence 374461,
C 3	18.8	78.3	562	US-10-301-480-444302	Sequence 444302,
C 4	18.8	78.3	562	US-10-301-480-1057711	Sequence 1057711,
C 5	18.8	78.3	1000	US-10-301-480-596734	Sequence 596734,
C 6	18.8	78.3	1000	US-10-301-480-1210143	Sequence 1210143,
C 7	18.2	75.8	662	US-09-925-065A-810971	Sequence 810971,
C 8	17.8	74.2	619	US-09-925-065A-5545	Sequence 5545, Ap
C 9	17.8	74.2	619	US-09-925-065A-5546	Sequence 5546, Ap
C 10	17.8	74.2	619	US-09-925-065A-5547	Sequence 5547, Ap
C 11	17.8	74.2	619	US-10-301-480-106782	Sequence 106782,
C 12	17.8	74.2	619	US-10-301-480-106783	Sequence 106783,
C 13	17.8	74.2	619	US-10-301-480-106784	Sequence 106784,
C 14	17.8	74.2	619	US-10-301-480-720191	Sequence 720191,
C 15	17.8	74.2	619	US-10-301-480-720192	Sequence 720192,
C 16	17.8	74.2	619	US-10-301-480-720193	Sequence 720193,
C 17	17.8	74.2	1612	US-10-750-185-57974	Sequence 57974, A
C 18	17.8	74.2	1612	US-10-750-623-57974	Sequence 57974, A

19	17.6	73.3	3523	8	US-10-750-185-49764	Sequence 49764, A
20	17.6	73.3	3523	8	US-10-750-623-49764	Sequence 49764, A
21	17.6	73.3	73063	9	US-10-330-773-704	Sequence 704, App
C 22	17.4	72.5	50	14	US-11-175-859-88194	Sequence 88194, A
C 23	17.4	72.5	483	6	US-09-925-065A-564297	Sequence 564297, A
24	17.2	71.7	50	14	US-11-175-859-89078	Sequence 89078, A
25	17.2	71.7	530	6	US-09-925-065A-204819	Sequence 204819,
26	17.2	71.7	530	10	US-10-301-480-292913	Sequence 292913,
27	17.2	71.7	530	10	US-10-301-480-906322	Sequence 906322,
28	17.2	71.7	570	6	US-09-925-065A-600738	Sequence 600738,
C 29	17.2	71.7	579	6	US-09-925-065A-918763	Sequence 918763,
30	17.2	71.7	593	10	US-10-301-480-354176	Sequence 354176,
31	17.2	71.7	593	10	US-10-301-480-354177	Sequence 354177,
32	17.2	71.7	593	10	US-10-301-480-967585	Sequence 967585,
33	17.2	71.7	593	10	US-10-301-480-967586	Sequence 967586,
34	17.2	71.7	595	6	US-09-925-065A-277155	Sequence 277155,
35	17.2	71.7	595	6	US-09-925-065A-277156	Sequence 277156,
36	17.2	71.7	688	6	US-09-925-065A-600739	Sequence 600739,
37	17.2	71.7	692	6	US-09-925-065A-875977	Sequence 875977,
C 38	17.2	71.7	994	10	US-10-301-480-581537	Sequence 581537,
C 39	17.2	71.7	994	10	US-10-301-480-1194946	Sequence 1194946,
40	17.2	71.7	1182	6	US-09-925-065A-720715	Sequence 720715,
41	17.2	71.7	1182	6	US-09-925-065A-720716	Sequence 720716,
42	17.2	71.7	1182	6	US-09-925-065A-720717	Sequence 720717,
C 43	17.2	71.7	3457	8	US-10-750-185-56979	Sequence 56979, A
C 44	17.2	71.7	3457	8	US-10-750-623-56979	Sequence 56979, A
C 45	17	70.8	998	10	US-10-301-480-570656	Sequence 570656,

ALIGNMENTS

RESULT 1

US-09-925-065A-860766/c  
; Sequence 860766, Application US/09925065A  
; Publication No. US20040181048A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single  
; FILE OF INVENTION: Nucleotide Polymorphisms in the Human Genome  
; FILE REFERENCE: 108827.135  
; CURRENT APPLICATION NUMBER: US/09/925.065A  
; CURRENT FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: US 60/243,096  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 60/252,147  
; PRIOR FILING DATE: 2000-11-20  
; PRIOR APPLICATION NUMBER: US 60/250,092  
; PRIOR FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 60/261,766  
; PRIOR FILING DATE: 2001-01-16  
; PRIOR APPLICATION NUMBER: US 60/289,846  
; PRIOR FILING DATE: 2001-05-09  
; NUMBER OF SEQ ID NOS: 957086  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 860766  
; LENGTH: 645  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-925-065A-860766

Query Match 100.0%; Score 24; DB 6; Length 645;  
Best Local Similarity 100.0%; Pred. No. 0.1;  
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 CTTATGTAGACACGCTTTCAAG 24

Db 164 CTTATGTAGACACGCTTTCAAG 141

RESULT 2

US-09-925-065A-374461/c  
; Sequence 374461, Application US/09925065A

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; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; CURRENT APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1057711
; LENGTH: 562
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-1057711

Query Match      78.3%; Score 18.8; DB 10; Length 562;
Best Local Similarity 90.9%; Pred. No. 34;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTCAAAG 24
Db 323 TATGTAGACATGCCCTTTCAAAG 302

RESULT 3
US-10-301-480-444302/c
; Sequence 444302, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; CURRENT APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 444302
; LENGTH: 562
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-444302

Query Match      78.3%; Score 18.8; DB 10; Length 562;
Best Local Similarity 90.9%; Pred. No. 34;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTCAAAG 24
Db 323 TATGTAGACATGCCCTTTCAAAG 302

RESULT 4
US-10-301-480-1057711/c
; Sequence 1057711, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; CURRENT APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1057711
; LENGTH: 562
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-1057711

Query Match      78.3%; Score 18.8; DB 10; Length 562;
Best Local Similarity 90.9%; Pred. No. 34;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTCAAAG 24
Db 323 TATGTAGACATGCCCTTTCAAAG 302

RESULT 5
US-10-301-480-596734/c
; Sequence 596734, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; CURRENT APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 596734
; LENGTH: 1000
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-596734

Query Match      78.3%; Score 18.8; DB 10; Length 1000;
Best Local Similarity 90.9%; Pred. No. 38;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTCAAAG 24
Db 914 TATGTAGACATGCCCTTTCAAAG 893

RESULT 6
US-10-301-480-1210143/c
; Sequence 1210143, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms
; FILE REFERENCE: 108827.137
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; CURRENT APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
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; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1210143
; LENGTH: 1000
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-301-480-1210143

Query Match      78.3%; Score 18.8; DB 10; Length 1000;
Best Local Similarity 90.9%; Pred. No. 38;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 TATGTAGACACGCTCTTTCAAAG 24
Db 914 TATGTAGACATGCCCTTTCAAAG 893

RESULT 7
US-09-925-065A-810971
; Sequence 810971, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 810971
; LENGTH: 662
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-810971

Query Match      75.8%; Score 18.2; DB 6; Length 662;
Best Local Similarity 87.0%; Pred. No. 70;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2 TTATGTAGACACGCTCTTTCAAAG 24
Db 227 TTATGTATCCACGCTGTTTCAAAG 249

RESULT 8
US-09-925-065A-5545
; Sequence 5545, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766

; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 810971
; LENGTH: 662
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-810971

; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5545
; LENGTH: 619
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-5546

Query Match      74.2%; Score 17.8; DB 6; Length 619;
Best Local Similarity 90.5%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 TATGTAGACACGCTCTTTCAA 23
Db 523 TATGAAGACACGCTGTTTCAA 543

RESULT 9
US-09-925-065A-5546
; Sequence 5546, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5546
; LENGTH: 619
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-5546

Query Match      74.2%; Score 17.8; DB 6; Length 619;
Best Local Similarity 90.5%; Pred. No. 1.1e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3 TATGTAGACACGCTCTTTCAA 23
Db 523 TATGAAGACACGCTGTTTCAA 543

RESULT 10
US-09-925-065A-5547
; Sequence 5547, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
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; PRIOR APPLICATION NUMBER: US 60/250,092  
; PRIOR FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 60/261,766  
; PRIOR FILING DATE: 2001-01-16  
; PRIOR APPLICATION NUMBER: US 60/289,846  
; PRIOR FILING DATE: 2001-05-09  
; NUMBER OF SEQ ID NOS: 957086  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 5547  
; LENGTH: 619  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-925-065A-5547

Query Match 74.2%; Score 17.8; DB 6; Length 619;  
Best Local Similarity 90.5%; Pred. No. 1.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTTCAAA 23  
|||||  
Db 523 TATGAAGACACGTTTCAAA 543

RESULT 11  
US-10-301-480-106782  
; Sequence 106782, Application US/10301480  
; Publication No. US20060057564A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms  
; FILE REFERENCE: 108827.137  
; CURRENT APPLICATION NUMBER: US/10/301,480  
; CURRENT FILING DATE: 2002-11-21  
; PRIOR APPLICATION NUMBER: US 10/215,598  
; PRIOR FILING DATE: 2002-08-09  
; PRIOR APPLICATION NUMBER: US 60/311,695  
; PRIOR FILING DATE: 2001-08-10  
; NUMBER OF SEQ ID NOS: 1226818  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 106782  
; LENGTH: 619  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-301-480-106782

Query Match 74.2%; Score 17.8; DB 9; Length 619;  
Best Local Similarity 90.5%; Pred. No. 1.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTTCAAA 23  
|||||  
Db 523 TATGAAGACACGTTTCAAA 543

RESULT 12  
US-10-301-480-106783  
; Sequence 106783, Application US/10301480  
; Publication No. US20060057564A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms  
; FILE REFERENCE: 108827.137  
; CURRENT APPLICATION NUMBER: US/10/301,480  
; CURRENT FILING DATE: 2002-11-21  
; PRIOR APPLICATION NUMBER: US 10/215,598  
; PRIOR FILING DATE: 2002-08-09  
; PRIOR APPLICATION NUMBER: US 60/311,695  
; PRIOR FILING DATE: 2001-08-10  
; NUMBER OF SEQ ID NOS: 1226818  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 106783

; LENGTH: 619  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-301-480-106783

Query Match 74.2%; Score 17.8; DB 9; Length 619;  
Best Local Similarity 90.5%; Pred. No. 1.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTTCAAA 23  
|||||  
Db 523 TATGAAGACACGTTTCAAA 543

RESULT 13  
US-10-301-480-106784  
; Sequence 106784, Application US/10301480  
; Publication No. US20060057564A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms  
; FILE REFERENCE: 108827.137  
; CURRENT APPLICATION NUMBER: US/10/301,480  
; CURRENT FILING DATE: 2002-11-21  
; PRIOR APPLICATION NUMBER: US 10/215,598  
; PRIOR FILING DATE: 2002-08-09  
; PRIOR APPLICATION NUMBER: US 60/311,695  
; PRIOR FILING DATE: 2001-08-10  
; NUMBER OF SEQ ID NOS: 1226818  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 106784  
; LENGTH: 619  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-301-480-106784

Query Match 74.2%; Score 17.8; DB 9; Length 619;  
Best Local Similarity 90.5%; Pred. No. 1.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTTCAAA 23  
|||||  
Db 523 TATGAAGACACGTTTCAAA 543

RESULT 14  
US-10-301-480-720191  
; Sequence 720191, Application US/10301480  
; Publication No. US20060057564A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms  
; FILE REFERENCE: 108827.137  
; CURRENT APPLICATION NUMBER: US/10/301,480  
; CURRENT FILING DATE: 2002-11-21  
; PRIOR APPLICATION NUMBER: US 10/215,598  
; PRIOR FILING DATE: 2002-08-09  
; PRIOR APPLICATION NUMBER: US 60/311,695  
; PRIOR FILING DATE: 2001-08-10  
; NUMBER OF SEQ ID NOS: 1226818  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 720191  
; LENGTH: 619  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-301-480-720191

Query Match 74.2%; Score 17.8; DB 10; Length 619;  
Best Local Similarity 90.5%; Pred. No. 1.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTTCAA 23  
Db 523 TATGAAGACACGCTTTTCAA 543

RESULT 15  
US-10-301-480-720192  
; Sequence 720192, Application US/10301480  
; Publication No. US20060057564A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms  
; FILE REFERENCE: 108827.137  
; CURRENT APPLICATION NUMBER: US/10/301,480  
; PRIOR FILING DATE: 2002-11-21  
; PRIOR APPLICATION NUMBER: US 10/215,598  
; PRIOR FILING DATE: 2002-08-09  
; PRIOR APPLICATION NUMBER: US 60/311,695  
; PRIOR FILING DATE: 2001-08-10  
; NUMBER OF SEQ ID NOS: 1226818  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 720192  
; LENGTH: 619  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-301-480-720192

Query Match 74.2%; Score 17.8; DB 10; Length 619;  
Best Local Similarity 90.5%; Pred. No. 1.1e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 TATGTAGACACGCTTTTCAA 23  
Db. 523 TATGAAGACACGCTTTTCAA 543

Search completed: April 2, 2006, 01:44:32  
Job time : 493.966 secs

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Result No.	Query			ID	Description	
	Score	Match	Length			
C 1	25	100.0	351	2	US-08-439-814-5	Sequence 5, Appli
C 2	25	100.0	351	2	US-08-439-814-6	Sequence 6, Appli
C 3	25	100.0	568	2	US-08-439-814-4	Sequence 4, Appli
C 4	25	100.0	1318	2	US-08-439-814-3	Sequence 3, Appli
C 5	25	100.0	1688	2	US-08-439-814-2	Sequence 2, Appli
C 6	25	100.0	2090	2	US-08-439-814-1	Sequence 1, Appli
C 7	25	100.0	4646	2	US-08-181-471-2	Sequence 2, Appli
C 8	25	100.0	4646	3	US-09-023-655-1167	Sequence 1167, Ap
C 9	25	100.0	4669	2	US-08-583-276-18	Sequence 18, Appl
C 10	25	100.0	4669	9	5206332-3	Patent No. 5206352
C 11	23.4	93.6	4669	2	US-08-752-447-1	Sequence 1, Appli
C 12	23.4	93.6	4669	3	US-09-316-167-1	Sequence 1, Appli
C 13	23.4	93.6	4669	3	US-09-397-233-1	Sequence 1, Appli
C 14	20	80.0	20	2	US-08-487-141B-2	Sequence 2, Appli
C 15	20	80.0	20	2	US-08-927-561-2	Sequence 2, Appli
C 16	20	80.0	20	6	PCT-US96-09388-2	Sequence 2, Appli
C 17	19.4	77.6	951	3	US-09-902-540-5524	Sequence 5524, Ap
C 18	19.4	77.6	41768	3	US-09-902-540-1266	Sequence 1266, Ap
C 19	18.8	75.2	18195	3	US-09-902-540-1179	Sequence 1179, Ap
C 20	18.6	74.4	342	3	US-09-513-999C-13841	Sequence 13841, A
C 21	18.6	74.4	601	3	US-09-949-016-174332	Sequence 174342, A
C 22	18.6	74.4	601	3	US-09-949-016-174534	Sequence 174534, A
C 23	18.6	74.4	41171	3	US-08-311-731A-122	Sequence 122, App
C 24	18.6	74.4	126237	3	US-09-949-016-16674	Sequence 16674, A

; FILING DATE: 12-NOV-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: WO PCT/DE93/01086  
; FILING DATE: 10-NOV-1993  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 351 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-439-814-5

Query Match 100.0%; Score 25; DB 2; Length 351;  
Best Local Similarity 100.0%; Pred. No. 0.8;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCCGCCCGCGCGCTG 25  
|||||  
Db 170 GTGCTCAGCCCGCCCGCGCGCTG 146

RESULT 2  
US-08-439-814-6/c  
; Sequence 6, Application US/08439814  
; Patent No. 5968735  
; GENERAL INFORMATION:  
; APPLICANT: STEIN, Ulrike  
; APPLICANT: WALTHER, Wolfgang  
; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF  
; TITLE OF INVENTION: THERAPY-RELEVANT GENES  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NIKAI, MARMELSTEIN, MURRAY & ORAM LLP  
; STREET: 655 Fifteenth Street, N. W., Suite 330 G  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005-5701  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/439,814  
; FILING DATE: 12-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE P 4238778.7  
; FILING DATE: 12-NOV-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE PCT/DE93/01086  
; FILING DATE: 10-NOV-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KLESNER, Sharon N.  
; REGISTRATION NUMBER: 36,335  
; REFERENCE/DOCKET NUMBER: P1614-5015  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202/638-5000  
; TELEFAX: 202/638-4810  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30B (EPO)  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE P4238778.7  
; FILING DATE: 12-NOV-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: WO PCT/DE93/01086  
; FILING DATE: 10-NOV-1993

; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 351 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-439-814-6

Query Match 100.0%; Score 25; DB 2; Length 351;  
Best Local Similarity 100.0%; Pred. No. 0.8;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCCGCCCGCGCGCTG 25  
|||||  
Db 170 GTGCTCAGCCCGCCCGCGCGCTG 146

RESULT 3  
US-08-439-814-4/c  
; Sequence 4, Application US/08439814  
; Patent No. 5968735  
; GENERAL INFORMATION:  
; APPLICANT: STEIN, Ulrike  
; APPLICANT: WALTHER, Wolfgang  
; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF  
; TITLE OF INVENTION: THERAPY-RELEVANT GENES  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NIKAI, MARMELSTEIN, MURRAY & ORAM LLP  
; STREET: 655 Fifteenth Street, N. W., Suite 330 G  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005-5701  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/439,814  
; FILING DATE: 12-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE P 4238778.7  
; FILING DATE: 12-NOV-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE PCT/DE93/01086  
; FILING DATE: 10-NOV-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KLESNER, Sharon N.  
; REGISTRATION NUMBER: 36,335  
; REFERENCE/DOCKET NUMBER: P1614-5015  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202/638-5000  
; TELEFAX: 202/638-4810  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30B (EPO)  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE P4238778.7  
; FILING DATE: 12-NOV-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: WO PCT/DE93/01086  
; FILING DATE: 10-NOV-1993  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 568 base pairs  
; TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-439-814-4

Query Match 100.0%; Score 25; DB 2; Length 568;  
Best Local Similarity 100.0%; Pred. No. 0.78;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGGCTG 25  
Db 414 GTGCTCAGCCACGCCCGCGGCTG 390

## RESULT 4

US-08-439-814-3/c  
Sequence 3, Application US/08439814  
Patent No. 5968735  
GENERAL INFORMATION:  
APPLICANT: STEIN, Ulrike  
APPLICANT: WALTHER, Wolfgang  
TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF  
TITLE OF INVENTION: THERAPY-RELEVANT GENES  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NIKAI DO, MARCELSTEIN, MURRAY & ORAM LLP  
STREET: 655 Fifteenth Street, N. W., Suite 330 G  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005-5701

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/439,814  
FILING DATE: 12-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE P 4238778.7  
FILING DATE: 12-NOV-1992

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE PCT/DE93/01086  
FILING DATE: 10-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: KLESNER, Sharon N.  
REGISTRATION NUMBER: 36,335  
REFERENCE/DOCKET NUMBER: P1614-5015  
TELEPHONE: 202/638-5000  
TELEFAX: 202/638-4810  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30B (EPO)

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE P4238778.7  
FILING DATE: 12-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/DE93/01086  
FILING DATE: 10-NOV-1993

INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1318 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-439-814-3

Query Match 100.0%; Score 25; DB 2; Length 1688;  
Best Local Similarity 100.0%; Pred. No. 0.76;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match 100.0%; Score 25; DB 2; Length 1318;  
Best Local Similarity 100.0%; Pred. No. 0.76;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGGCTG 25  
Db 1164 GTGCTCAGCCACGCCCGCGGCTG 1140

## RESULT 5

US-08-439-814-2/c  
Sequence 2, Application US/08439814  
Patent No. 5968735  
GENERAL INFORMATION:  
APPLICANT: STEIN, Ulrike  
APPLICANT: WALTHER, Wolfgang  
TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF  
TITLE OF INVENTION: THERAPY-RELEVANT GENES  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NIKAI DO, MARCELSTEIN, MURRAY & ORAM LLP  
STREET: 655 Fifteenth Street, N. W., Suite 330 G  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005-5701

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/439,814  
FILING DATE: 12-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE P 4238778.7  
FILING DATE: 12-NOV-1992

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE PCT/DE93/01086  
FILING DATE: 10-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: KLESNER, Sharon N.  
REGISTRATION NUMBER: 36,335  
REFERENCE/DOCKET NUMBER: P1614-5015  
TELEPHONE: 202/638-5000  
TELEFAX: 202/638-4810  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30B (EPO)  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE P4238778.7  
FILING DATE: 12-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/DE93/01086  
FILING DATE: 10-NOV-1993

INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1688 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-439-814-2

QY 1 GTGCTCAGCCACGCGCCCGCGCTG 25  
|||||  
Db 1534 GTGCTCAGCCACGCGCCCGCGCTG 1510

RESULT 6  
US-08-439-814-1/c  
; Sequence 1, Application US/08439814  
; Patent No. 5968735  
; GENERAL INFORMATION:  
; APPLICANT: STEIN, Ulrike  
; APPLICANT: WALTHER, Wolfgang  
; TITLE OF INVENTION: VECTOR FOR THE EXPRESSION OF  
; TITLE OF INVENTION: THERAPY-RELEVANT GENES  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NIKALDO, MARCELSTEIN, MURRAY & ORAM LLP  
; STREET: 655 Fifteenth Street, N. W., Suite 330 G  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005-5701  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/439,814  
; FILING DATE: 12-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE P 4238778.7  
; FILING DATE: 12-NOV-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE PCT/DE93/01086  
; FILING DATE: 10-NOV-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KLESNER, Sharon N.  
; REGISTRATION NUMBER: 36,335  
; REFERENCE/DOCKET NUMBER: P1614-5015  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202/638-5000  
; TELEFAX: 202/638-4810  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30B (EPO)  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE P4238778.7  
; FILING DATE: 12-NOV-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: WO PCT/DE93/01086  
; FILING DATE: 10-NOV-1993  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 2090 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-439-814-1

Query Match 100.0%; Score 25; DB 2; Length 2090;  
Best Local Similarity 100.0%; Pred. No. 0.75;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCGCCCGCGCTG 25  
|||||  
Db 1936 GTGCTCAGCCACGCGCCCGCGCTG 1912

RESULT 7  
US-08-181-471-2/c  
; Sequence 2, Application US/08181471  
; Patent No. 5641508  
; GENERAL INFORMATION:  
; APPLICANT: Li, Lingna  
; APPLICANT: Lishko, Valeryi K.  
; TITLE OF INVENTION: METHOD FOR DELIVERING BENEFICIAL  
; TITLE OF INVENTION: COMPOSITIONS TO HAIR FOLLICLES  
; NUMBER OF SEQUENCES: 3  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Thomas Fitting  
; STREET: 12526 High Bluff Drive, Suite 300  
; CITY: San Diego  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92130  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/181,471  
; FILING DATE: 13-JAN-1994  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/041,553  
; FILING DATE: 02-APR-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fitting, Thomas  
; REGISTRATION NUMBER: 34,163  
; REFERENCE/DOCKET NUMBER: ANT0029P  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619-792-3680  
; TELEFAX: 619-792-8477  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 4646 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 425..4267  
US-08-181-471-2

Query Match 100.0%; Score 25; DB 2; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.74;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCGCCCGCGCTG 25  
|||||  
Db 251 GTGCTCAGCCACGCGCCCGCGCTG 227

RESULT 8  
US-09-023-655-1167/c  
; Sequence 1167, Application US/09023655  
; Patent No. 6607879  
; GENERAL INFORMATION:  
; APPLICANT: Cocks, Benjamin G.  
; APPLICANT: Susan G. Stuart  
; APPLICANT: Jeffrey J. Seilhamer  
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 1508  
; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.  
;; STREET: 3174 PORTER DRIVE  
;; CITY: PALO ALTO  
;; STATE: CALIFORNIA  
;; COUNTRY: USA  
;; ZIP: 94304  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/023,655  
;; FILING DATE: HERewith  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:  
;; CLASSIFICATION:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Zeller, Karen J.  
;; REGISTRATION NUMBER: 37,071  
;; REFERENCE/DOCKET NUMBER: PA-0001 US  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (650) 855-0555  
;; TELEFAX: (650) 845-4166  
;; INFORMATION FOR SEQ ID NO: 1167:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 4646 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; IMMEDIATE SOURCE:  
;; LIBRARY: GENBANK  
;; CLONE: 9187468  
;; US-09-023-655-1167  
  
Query Match 100.0%; Score 25; DB 3; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.74;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 GTGCTCAGCCACGCCCGCGCGTG 25  
|||||  
Db 251 GTGCTCAGCCACGCCCGCGCGTG 227  
  
RESULT 9  
US-08-583-276-18/c  
; Sequence 18, Application US/08583276  
; Patent No. 5837536  
; GENERAL INFORMATION:  
; APPLICANT: McDonagh, Kevin T.  
; APPLICANT: Nienhuis, Arthur  
; APPLICANT: Tolstoshev, Paul  
; TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN  
; TITLE OF INVENTION: MULTIDRUG RESISTANCE GENES AND IMPROVED  
; TITLE OF INVENTION: SELECTION OF CELLS TRANSFECTED WITH SUCH GENES  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,  
; STREET: 6 Becker Farm Road  
; CITY: Roseland  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07068  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch diskette  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: DW4.V2  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/583,276

;; FILING DATE: 05-JAN-1996  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/332,444  
;; FILING DATE: 31-OCT-1994  
;; APPLICATION NUMBER: 07/887,712  
;; FILING DATE: 22-MAY-1992  
;; INFORMATION FOR SEQ ID NO: 18:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 4669 bases  
;; TYPE: nucleic acid  
;; STRANDEDNESS: singular  
;; TOPOLOGY: linear  
;; MOLECULE TYPE:  
;; DESCRIPTION: Genomic DNA  
;; US-08-583-276-18  
  
Query Match 100.0%; Score 25; DB 2; Length 4669;  
Best Local Similarity 100.0%; Pred. No. 0.74;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 GTGCTCAGCCACGCCCGCGCGTG 25  
|||||  
Db 251 GTGCTCAGCCACGCCCGCGCGTG 227  
  
RESULT 10  
5206352-3/c  
; Patent No. 5206352  
; APPLICANT: Robinson, Igor B.; Pastan Ira H.; Gottesman,  
; Michael M.  
; TITLE OF INVENTION: COMPOSITIONS FOR CLONES CONTAINING DNA  
; SEQUENCES ASSOCIATED WITH MULTIDRUG RESISTANCE IN HUMAN CELLS  
; NUMBER OF SEQUENCES: 4  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/622,836  
; FILING DATE: 24-SEP-1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 892,575  
; FILING DATE: 01-AUG-1986  
; APPLICATION NUMBER: 845,610  
; FILING DATE: 28-MAR-1986  
; SEQ ID NO:3  
; LENGTH: 4669  
; 5206352-3  
  
Query Match 100.0%; Score 25; DB 9; Length 4669;  
Best Local Similarity 100.0%; Pred. No. 0.74;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 GTGCTCAGCCACGCCCGCGCGTG 25  
|||||  
Db 251 GTGCTCAGCCACGCCCGCGCGTG 227  
  
RESULT 11  
US-08-752-447-1/c  
; Sequence 1, Application US/08752447  
; Patent No. 5994088  
; GENERAL INFORMATION:  
; APPLICANT: Mechetner, Eugene  
; APPLICANT: Roninson, Igor B  
; TITLE OF INVENTION: Methods and Reagents for Preparing and  
; TITLE OF INVENTION: Using Immunological Agents Specific for P-glycoprotein  
; NUMBER OF SEQUENCES: 2  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: McDonnell Boehrnen Hulbert & Berghoff Ltd.  
; STREET: 300 South Wacker Drive, Seventh Floor  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60606  
; COMPUTER READABLE FORM:

REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 95,1121  
TELEPHONE: 312-913-0001  
TELEFAX: 312-913-9808  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4669 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: 5'UTR  
LOCATION: 1..424  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 425..4264  
FEATURE:  
NAME/KEY: 3'UTR  
LOCATION: 4265..4669  
US-08-752-447-1

Query Match 93.6%; Score 23.4; DB 2; Length 4669;  
Best Local Similarity 96.0%; Pred. No. 3;  
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCGCGGCTG 25  
DB 251 GCGCTCAGCCACGCCCGCGGCTG 227

US-09-316-167-1/c  
Sequence 1, Application US/09316167  
Patent No. 6365357  
GENERAL INFORMATION:  
APPLICANT: Mechetner, Eugene  
TITLE OF INVENTION: Methods and Reagents for Preparing and  
Using Immunological Agents Specific for P-glycoprotein  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff Ltd.  
STREET: 300 South Wacker Drive, Seventh Floor  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/316,167  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA: 08/752,447  
APPLICATION NUMBER:  
FILING DATE: 15-NOV-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 6365357nan, Kevin E

REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 95,1121  
TELEPHONE: 312-913-0001  
TELEFAX: 312-913-9808  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4669 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: 5'UTR  
LOCATION: 1..424  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 425..4264  
FEATURE:  
NAME/KEY: 3'UTR  
LOCATION: 4265..4669  
US-09-316-167-1

Query Match 93.6%; Score 23.4; DB 3; Length 4669;  
Best Local Similarity 96.0%; Pred. No. 3;  
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCGCGGCTG 25  
DB 251 GCGCTCAGCCACGCCCGCGGCTG 227

RESULT 13  
US-09-397-233-1/c  
Sequence 1, Application US/09397233  
Patent No. 6630327  
GENERAL INFORMATION:  
APPLICANT: Mechetner, Eugene  
TITLE OF INVENTION: Methods and Reagents for Preparing and  
Using Immunological Agents Specific for P-glycoprotein  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/397,233  
FILING DATE: 16-Sep-1999  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 6630327nan, Kevin E  
REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 95,1121-C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-913-0001  
TELEFAX: 312-913-0002  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4669 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:

NAME/KEY: 5'UTR  
LOCATION: 1..424  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 425..4264  
FEATURE:  
NAME/KEY: 3'UTR  
LOCATION: 4265..4669  
SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-09-397-233-1

Query Match 93.6%; Score 23.4; DB 3; Length 4669;  
Best Local Similarity 96.0%; Pred. No. 3;  
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGCGCTG 25  
Db 251 GCGCTCAGCCACGCCCGCGCGCTG 227

RESULT 14  
US-08-487-141B-2  
; Sequence 2, Application US/08487141B  
; Patent No. 5683987  
; GENERAL INFORMATION:  
; APPLICANT: Smith, Larry J.  
; TITLE OF INVENTION: Therapeutic Oligonucleotides  
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes  
; NUMBER OF SEQUENCES: 114  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
; STREET: 1601 Market Street Suite 720  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103-2307  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,141B  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/379,180  
; FILING DATE: 12-JUL-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hagan, Patrick J.  
; REGISTRATION NUMBER: 27,643  
; REFERENCE/DOCKET NUMBER: 63082C  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215)563-4100  
; TELEFAX: (215)563-4044  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: not relevant  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-487-141B-2

Query Match 80.0%; Score 20; DB 2; Length 20;  
Best Local Similarity 100.0%; Pred. No. 71;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGG 20  
Db 1 GTGCTCAGCCACGCCCGCGG 20

RESULT 15  
US-08-927-561-2  
; Sequence 2, Application US/08927561  
; Patent No. 5874567  
; GENERAL INFORMATION:  
; APPLICANT: Smith, Larry J.  
; TITLE OF INVENTION: Therapeutic Oligonucleotides  
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes  
; NUMBER OF SEQUENCES: 114  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
; STREET: 1601 Market Street Suite 720  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103-2307  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/927,561  
; FILING DATE: 08-SEPT-1997  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/487,141  
; FILING DATE: 05-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Rigaut, Kathleen D.  
; REGISTRATION NUMBER: P43,047  
; REFERENCE/DOCKET NUMBER: 63082C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215)563-4100  
; TELEFAX: (215)563-4044  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: not relevant  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-927-561-2

Query Match 80.0%; Score 20; DB 2; Length 20;  
Best Local Similarity 100.0%; Pred. No. 71;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGG 20  
Db 1 GTGCTCAGCCACGCCCGCGG 20

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Job time : 79.4483 secs

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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:14:36 ; Search time 580.747 Seconds  
(without alignments)  
355.980 Million cell updates/sec

Title: US-10-007-255-10  
Perfect score: 25  
Sequence: 1 gtgctcagccacgccccggcgctg 25

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications NA\_Main:  
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2: /cgn2\_6/ptodata/1/pubpna/US08\_PUBCOMB.seq:  
3: /cgn2\_6/ptodata/1/pubpna/US09A\_PUBCOMB.seq:  
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6: /cgn2\_6/ptodata/1/pubpna/US10B\_PUBCOMB.seq:  
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9: /cgn2\_6/ptodata/1/pubpna/US10E\_PUBCOMB.seq:  
10: /cgn2\_6/ptodata/1/pubpna/US11\_PUBCOMB.seq:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	25	100.0	25	9	US-10-007-255-10
2	25	100.0	25	9	US-10-007-255-27
3	25	100.0	424	9	US-10-794-514A-650
4	25	100.0	633	8	US-10-482-433A-3
5	25	100.0	645	4	US-09-925-065A-860766
6	25	100.0	2307	3	US-09-805-020-31
7	25	100.0	2932	8	US-10-473-126-37
8	25	100.0	4533	3	US-09-805-020-30
9	25	100.0	4643	5	US-10-072-621-2
10	25	100.0	4643	5	US-10-097-340-1
11	25	100.0	4643	6	US-10-007-926A-258
12	25	100.0	4643	10	US-11-050-926-1
13	25	100.0	4646	3	US-09-968-007A-459
14	25	100.0	4646	3	US-09-968-007A-747
15	25	100.0	4646	7	US-10-641-643-1167
16	25	100.0	4646	7	US-10-343-657-1
17	25	100.0	4646	8	US-10-775-169-198
18	25	100.0	4646	9	US-10-843-641A-6929
19	25	100.0	4646	9	US-10-843-641A-7217
20	25	100.0	4646	9	US-10-505-680-164
21	25	100.0	4646	9	US-10-794-514A-392
22	25	100.0	4646	9	US-10-007-255-1
23	25	100.0	10200	9	US-10-415-607-5

c 24	25	100.0	177380	8	US-10-484-577-683	Sequence 683, App
c 25	23.4	93.6	4669	7	US-10-680-516-1	Sequence 1, Appli
c 26	20.2	80.8	39	9	US-10-007-255-49	Sequence 49, Appl
c 27	19.2	76.8	2692	3	US-09-880-107-3828	Sequence 3828, Ap
c 28	19.2	76.8	2692	3	US-09-968-007A-755	Sequence 755, App
c 29	19.2	76.8	2692	9	US-10-843-641A-7225	Sequence 7225, Ap
c 30	18.6	74.4	556	3	US-09-864-761-13425	Sequence 13425, A
c 31	18.6	74.4	604	8	US-10-357-930-56850	Sequence 56850, A
c 32	18.6	74.4	706	7	US-10-767-701-5342	Sequence 5342, Ap
c 33	18.6	74.4	1188	4	US-09-925-065A-725554	Sequence 725554,
c 34	18.6	74.4	6073	5	US-10-024-623-16	Sequence 16, Appl
c 35	18.6	74.4	6073	6	US-10-154-419-66	Sequence 66, Appl
c 36	18.6	74.4	6073	6	US-10-146-733-61	Sequence 61, Appl
c 37	18.4	73.6	867	7	US-10-437-963-12083	Sequence 12083, A
c 38	18.4	73.6	4446	7	US-10-282-122A-17493	Sequence 17493, A
c 39	18.4	73.6	28049	7	US-10-322-281-544	Sequence 544, App
c 40	18.2	72.8	323	8	US-10-425-115-63236	Sequence 63236, A
c 41	18.2	72.8	388	5	US-10-224-260-1	GENERAL INFORMA
c 42	18.2	72.8	504	6	US-10-029-386-7696	Sequence 7696, Ap
c 43	18.2	72.8	602	7	US-10-767-701-8299	Sequence 8299, Ap
c 44	18.2	72.8	606	4	US-09-925-065A-948695	Sequence 948695,
c 45	18.2	72.8	633	8	US-10-482-433A-6	Sequence 6, Appli

## ALIGNMENTS

RESULT 1  
US-10-007-255-10  
; Sequence 10, Application US/10007255  
; Publication No. US20050203036A1  
; GENERAL INFORMATION:  
; APPLICANT: Colgan, Sean  
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an  
; FILE REFERENCE: B0801/7233 (ERP)  
; CURRENT APPLICATION NUMBER: US/10/007,255  
; CURRENT FILING DATE: 2001-10-25  
; EARLIER APPLICATION NUMBER: US 60/243,542  
; EARLIER FILING DATE: 2000-10-26  
; NUMBER OF SEQ ID NOS: 67  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 10  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: homo sapiens  
US-10-007-255-10

Query Match 100.0%; Score 25; DB 9; Length 25;  
Best Local Similarity 100.0%; Pred. No. 0.77;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGCGCTG 25  
Db 1 GTGCTCAGCCACGCCCGCGCGCTG 25

RESULT 2  
US-10-007-255-27/c  
; Sequence 27, Application US/10007255  
; Publication No. US20050203036A1  
; GENERAL INFORMATION:  
; APPLICANT: Colgan, Sean  
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an  
; FILE REFERENCE: B0801/7233 (ERP)  
; CURRENT APPLICATION NUMBER: US/10/007,255  
; CURRENT FILING DATE: 2001-10-25  
; EARLIER APPLICATION NUMBER: US 60/243,542  
; EARLIER FILING DATE: 2000-10-26  
; NUMBER OF SEQ ID NOS: 67  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 27  
; LENGTH: 25  
; TYPE: DNA

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; ORGANISM: homo sapiens
US-10-007-255-27

Query Match      100.0%; Score 25; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.77;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCGCGCGCTG 25
    |||||
Db 25 GTGCTCAGCCACGCCCGCGCGCTG 1

RESULT 3
US-10-794-514A-650/c
; Sequence 650, Application US/10794514A
; Publication No. US20050112134A1
; GENERAL INFORMATION:
; APPLICANT: Graddis, Thomas
; APPLICANT: Laus, Reiner
; APPLICANT: Diegel, Michael
; APPLICANT: Vidovic, Damir
; TITLE OF INVENTION: Compositions and Methods Employing Alternative
; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of
; TITLE OF INVENTION: Cancer and Infectious Disease
; FILE REFERENCE: 11311.1003U
; CURRENT APPLICATION NUMBER: US/10/794,514A
; CURRENT FILING DATE: 2004-03-05
; NUMBER OF SEQ ID NOS: 733
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 650
; LENGTH: 424
; TYPE: DNA
; ORGANISM: Human
US-10-794-514A-650

Query Match      100.0%; Score 25; DB 9; Length 424;
Best Local Similarity 100.0%; Pred. No. 0.37;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCGCGCGCTG 25
    |||||
Db 251 GTGCTCAGCCACGCCCGCGCGCTG 227

RESULT 4
US-10-482-433A-3/c
; Sequence 3, Application US/10482433A
; Publication No. US20040265814A1
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Method for the detection of cytosine methylation by comparative
; TITLE OF INVENTION: analysis of single strands of amplificates
; FILE REFERENCE: 82174
; CURRENT APPLICATION NUMBER: US/10/482,433A
; CURRENT FILING DATE: 2003-12-29
; PRIOR APPLICATION NUMBER: DE 10132212.7
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 633
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Amplification Product of MdRI-Fragment
US-10-482-433A-3

Query Match      100.0%; Score 25; DB 8; Length 633;
Best Local Similarity 100.0%; Pred. No. 0.34;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCGCGCGCTG 25
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Db 422 GTGCTCAGCCACGCCCGCGCGCTG 398

RESULT 5
US-09-925-065A-860766/c
; Sequence 860766, Application US/09925065A
; Publication No. US20050228172A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 860766
; LENGTH: 645
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-860766

Query Match      100.0%; Score 25; DB 4; Length 645;
Best Local Similarity 100.0%; Pred. No. 0.34;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCGCGCGCTG 25
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Db 375 GTGCTCAGCCACGCCCGCGCGCTG 351

RESULT 6
US-09-805-020-31/c
; Sequence 31, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 2307
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)-(2307)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-31

Query Match      100.0%; Score 25; DB 3; Length 2307;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCGCGCGCTG 25
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Db 251 GTGCTCAGCCACGCCCGCGCGCTG 227

RESULT 7
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US-10-473-126-37/c
; Sequence 37, Application US/10473126
; Publication No. US20040234973A1
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Methods and nucleic acids for the analysis of hematopoietic cell
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/473,126
; CURRENT FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 1258
; SEQ ID NO 37
; LENGTH: 2932
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-473-126-37

Query Match      100.0%; Score 25; DB 8; Length 2932;
Best Local Similarity 100.0%; Pred. No. 0.23;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGGCTG 25
Db 1039 GTGCTCAGCCACGCCCGCGGCTG 1015

RESULT 8
US-09-805-020-30/c
; Sequence 30, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 4533
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc_feature
; LOCATION: (1)..(4533)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-30

Query Match      100.0%; Score 25; DB 3; Length 4533;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGGCTG 25
Db 251 GTGCTCAGCCACGCCCGCGGCTG 227

RESULT 9
US-10-072-621-2/c
; Sequence 2, Application US/10072621
; Publication No. US20020169137A1
; GENERAL INFORMATION:
; APPLICANT: Reiner, Peter B.
; APPLICANT: Connop, Bruce P.
; APPLICANT: Pollard, Michelle
; TITLE OF INVENTION: REGULATION OF AMYLOID PRECURSOR PROTEIN EXPRESSION
; FILE REFERENCE: 100103.402
; CURRENT APPLICATION NUMBER: US/10/072,621
; CURRENT FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2

Query Match      100.0%; Score 25; DB 5; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGGCTG 25
Db 251 GTGCTCAGCCACGCCCGCGGCTG 227

RESULT 11
US-10-007-926A-258/c
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; LENGTH: 4643
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-072-621-2

Query Match      100.0%; Score 25; DB 5; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGGCTG 25
Db 251 GTGCTCAGCCACGCCCGCGGCTG 227

RESULT 10
US-10-097-340-1/c
; Sequence 1, Application US/10097340
; Publication No. US20030087250A1
; GENERAL INFORMATION:
; APPLICANT: John MONAHAN
; APPLICANT: Manjula GANNAVARAPU
; APPLICANT: Sebastian HOERSCH
; APPLICANT: Shubhangi KAWATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel E. MEYERS
; APPLICANT: Michael MORRISEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VEIBY
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, Jr.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
; APPLICANT: Xumei ZHAO
; APPLICANT: Karen GLATT
; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
; TITLE OF INVENTION: Assessment, Prevention, and Therapy Of Ovarian Cancer
; FILE REFERENCE: MRI-030
; CURRENT APPLICATION NUMBER: US/10/097,340
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 4643
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-097-340-1

Query Match      100.0%; Score 25; DB 5; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGGCTG 25
Db 251 GTGCTCAGCCACGCCCGCGGCTG 227

RESULT 11
US-10-007-926A-258/c
```

; Sequence 258, Application US/10007926A  
; Publication No. US20030143539A1  
; GENERAL INFORMATION:  
; APPLICANT: BERTUCCI, FRANCOIS  
; APPLICANT: HOULGAITE, REMI  
; APPLICANT: BIRNBAUM, DANIEL  
; APPLICANT: NGUYEN, CATHERINE  
; APPLICANT: VIENS, PATRICE  
; APPLICANT: FERT, VINCENT  
; TITLE OF INVENTION: GENE EXPRESSION PROFILING OF PRIMARY BREAST CARCINOMAS  
; FILE OF INVENTION: USING ARRAYS OF CANDIDATE GENES  
; FILE REFERENCE: 1546-R-00  
; CURRENT APPLICATION NUMBER: US/10/007,926A  
; CURRENT FILING DATE: 2001-12-07  
; PRIOR APPLICATION NUMBER: 60/254,090  
; PRIOR FILING DATE: 2000-12-08  
; NUMBER OF SEQ ID NOS: 468  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 258  
; LENGTH: 4643  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: atp-binding cassette, sub-family b  
; OTHER INFORMATION: (mdr/tap), member 1 (ABCB1) gene.  
US-10-007-926A-258

Query Match 100.0%; Score 25; DB 6; Length 4643;  
Best Local Similarity 100.0%; Pred. No. 0.2;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTAGCCACGCCCGCGCGTG 25  
|||||  
DB 251 GTGCTAGCCACGCCCGCGCGTG 227

## RESULT 12

US-11-050-926-1/c

; Sequence 1, Application US/11050926

; Publication No. US20050214831A1

; GENERAL INFORMATION:

; APPLICANT: John MONAHAN

; APPLICANT: Manjula GANNAVAPURU

; APPLICANT: Sebastian HOERSCH

; APPLICANT: Shubhangi KAMATKAR

; APPLICANT: Steve G. KOVATS

; APPLICANT: Rachel E. MEYERS

; APPLICANT: Michael MORRISSEY

; APPLICANT: Peter OLANDT

; APPLICANT: Ami SEN

; APPLICANT: Peter VEIBY

; APPLICANT: Gordon B. MILLS

; APPLICANT: Robert C. BAST, Jr.

; APPLICANT: Karen LU

; APPLICANT: Rosemarie SCHMANDT

; APPLICANT: Xumei ZHAO

; APPLICANT: Karen GLATT

; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,

; FILE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer

; FILE REFERENCE: MRI-Q30

; CURRENT APPLICATION NUMBER: US/11/050,926

; CURRENT FILING DATE: 2005-02-04

; PRIOR APPLICATION NUMBER: US/10/097,340

; PRIOR FILING DATE: 2002-03-14

; PRIOR APPLICATION NUMBER: 60/276,025

; PRIOR FILING DATE: 2001-03-14

; PRIOR APPLICATION NUMBER: 60/325,149

; PRIOR FILING DATE: 2001-09-26

; PRIOR APPLICATION NUMBER: 60/276,026

; PRIOR FILING DATE: 2001-03-14

; PRIOR APPLICATION NUMBER: 60/324,967

; PRIOR FILING DATE: 2001/09/26

; PRIOR APPLICATION NUMBER: 60/311,732

; PRIOR FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: 60/325,102  
; PRIOR FILING DATE: 2001-09-26  
; PRIOR APPLICATION NUMBER: 60/323,580  
; PRIOR FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 363  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 4643  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-11-050-926-1

Query Match 100.0%; Score 25; DB 10; Length 4643;  
Best Local Similarity 100.0%; Pred. No. 0.2;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTAGCCACGCCCGCGCGTG 25  
|||||  
DB 251 GTGCTAGCCACGCCCGCGCGTG 227

## RESULT 13

US-09-968-007A-459/c

; Sequence 459, Application US/09968007A

; Publication No. US20040115625A1

; GENERAL INFORMATION:

; APPLICANT: Ebner, Reinhard

; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signal

; FILE OF INVENTION: Gene Sets

; FILE REFERENCE: 689290-71

; CURRENT APPLICATION NUMBER: US/09/968,007A

; CURRENT FILING DATE: 2001-10-02

; PRIOR APPLICATION NUMBER: US/60/237,172

; PRIOR FILING DATE: 2000-10-02

; PRIOR APPLICATION NUMBER: US/60/237,173

; PRIOR FILING DATE: 2000-10-02

; PRIOR APPLICATION NUMBER: US/60/237,278

; PRIOR FILING DATE: 2000-10-02

; PRIOR APPLICATION NUMBER: US/60/237,294

; PRIOR FILING DATE: 2000-10-02

; PRIOR APPLICATION NUMBER: US/60/237,295

; PRIOR FILING DATE: 2000-10-02

; PRIOR APPLICATION NUMBER: US/60/237,316

; PRIOR FILING DATE: 2000-10-02

; NUMBER OF SEQ ID NOS: 1001

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 459

; LENGTH: 4646

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-968-007A-459

Query Match 100.0%; Score 25; DB 3; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.2;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTAGCCACGCCCGCGCGTG 25  
|||||  
DB 251 GTGCTAGCCACGCCCGCGCGTG 227

## RESULT 14

US-09-968-007A-747/c

; Sequence 747, Application US/09968007A

; Publication No. US20040115625A1

; GENERAL INFORMATION:

; APPLICANT: Ebner, Reinhard

; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signal

; FILE OF INVENTION: Gene Sets

; FILE REFERENCE: 689290-71

; CURRENT APPLICATION NUMBER: US/09/968,007A

; CURRENT FILING DATE: 2001-10-02

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; PRIOR APPLICATION NUMBER: US/60/237,172
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,173
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,278
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,294
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,295
; PRIOR FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: US/60/237,316
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 1001
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 747
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-968-007A-747

Query Match      100.0%; Score 25; DB 3; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTGCTCAGCCACGCCCGCGGCTG 25
        ||||||||||||||||||||
Db      251 GTGCTCAGCCACGCCCGCGGCTG 227

RESULT 15
US-10-641-643-1167/c
; Sequence 1167, Application US/10641643
; Publication No. US20040077003A1
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
;             Susan G. Stuart
;             Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL
;                   GENE EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/641,643
; FILING DATE: 14-Aug-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1167:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4646 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
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; LIBRARY: GENBANK
; CLONE: g187468
; SEQUENCE DESCRIPTION: SEQ ID NO: 1167 :
US-10-641-643-1167

Query Match      100.0%; Score 25; DB 7; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTGCTCAGCCACGCCCGCGGCTG 25
        ||||||||||||||||||||
Db      251 GTGCTCAGCCACGCCCGCGGCTG 227

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GenCore version 5.1.7

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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:33:54 ; Search time 513.506 Seconds  
(without alignments)  
194.399 Million cell updates/sec

Title: US-10-007-255-10

Perfect score: 25

Sequence: 1 gtgctcagccacgccccggcgctg 25

Scoring table:

IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 9263891 seqs, 1996499642 residues

Total number of hits satisfying chosen parameters: 18527782

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA New:

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- 2: /SIDSS/ptodata/2/pubpna/US06\_NEW\_PUB.seq:
- 3: /SIDSS/ptodata/2/pubpna/US07\_NEW\_PUB.seq:
- 4: /SIDSS/ptodata/2/pubpna/PCT\_NEW\_PUB.seq:
- 5: /SIDSS/ptodata/2/pubpna/US09\_NEW\_PUB.seq:
- 6: /SIDSS/ptodata/2/pubpna/US09\_NEW\_PUB.seq:
- 7: /SIDSS/ptodata/2/pubpna/US10\_NEW\_PUB.seq:
- 8: /SIDSS/ptodata/2/pubpna/US10\_NEW\_PUB.seq:
- 9: /SIDSS/ptodata/2/pubpna/US10\_NEW\_PUB.seq:
- 10: /SIDSS/ptodata/2/pubpna/US10\_NEW\_PUB.seq:
- 11: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq:
- 12: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq:
- 13: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq:
- 14: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq:
- 15: /SIDSS/ptodata/2/pubpna/US60\_NEW\_PUB.seq:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	25	100.0	645	6	US-09-925-065A-860766
C 2	25	100.0	4646	8	US-10-775-169-198
C 3	25	100.0	4646	14	US-11-045-578-5
C 4	18.6	74.4	1188	6	US-09-925-065A-725554
5	18.2	72.8	606	6	US-09-925-065A-948695
6	18.2	72.8	848	6	US-09-925-065A-926155
7	18.2	72.8	848	6	US-09-925-065A-948692
8	18.2	72.8	848	6	US-09-925-065A-948693
9	18.2	72.8	848	6	US-09-925-065A-948694
10	18	72.0	18	8	US-10-310-914A-41993
11	17.6	70.4	551	6	US-09-925-065A-301707
12	17.6	70.4	553	10	US-10-301-480-378012
13	17.6	70.4	553	10	US-10-301-480-991421
14	17.6	70.4	575	6	US-09-925-065A-367595
15	17.6	70.4	575	6	US-09-925-065A-367596
16	17.6	70.4	586	10	US-10-301-480-437906
17	17.6	70.4	586	10	US-10-301-480-437907
18	17.6	70.4	586	10	US-10-301-480-1051315

19	17.6	70.4	586	10	US-10-301-480-1051316	Sequence 1051316,
20	17.6	70.4	600	8	US-10-750-185-3510	Sequence 3510, Ap
21	17.6	70.4	600	8	US-10-750-623-3510	Sequence 3510, Ap
C 22	17.6	70.4	860	6	US-09-925-065A-81095	Sequence 81095, A
C 23	17.6	70.4	860	9	US-10-301-480-182334	Sequence 182334,
C 24	17.6	70.4	860	10	US-10-301-480-795743	Sequence 795743,
C 25	17.6	70.4	1239	8	US-10-858-730-153	Sequence 153, App
26	17.6	70.4	1600	8	US-10-750-185-57179	Sequence 57179, A
27	17.6	70.4	1600	8	US-10-750-623-57179	Sequence 57179, A
28	17.6	70.4	1898	8	US-10-750-185-53039	Sequence 53039, A
29	17.6	70.4	1898	8	US-10-750-623-53039	Sequence 53039, A
30	17.4	69.6	1528	8	US-10-750-185-55447	Sequence 55447, A
31	17.4	69.6	1528	8	US-10-750-623-55447	Sequence 55447, A
32	17.2	68.8	583	6	US-09-925-065A-759697	Sequence 759697,
33	17.2	68.8	583	6	US-09-925-065A-800151	Sequence 800151,
C 34	17.2	68.8	608	6	US-09-925-065A-811255	Sequence 811255,
35	17.2	68.8	743	11	US-11-096-568A-15206	Sequence 15206, A
36	17.2	68.8	1315	9	US-10-301-480-25543	Sequence 25543, A
37	17.2	68.8	1315	10	US-10-301-480-638952	Sequence 638952,
38	17.2	68.8	1438	6	US-09-925-065A-691748	Sequence 691748,
39	17.2	68.8	1438	6	US-09-925-065A-691749	Sequence 691749,
C 40	17.2	68.8	1439	6	US-09-925-065A-680223	Sequence 680223,
C 41	17.2	68.8	65885	8	US-10-995-561-13490	Sequence 13490, A
C 42	17	68.0	458	6	US-09-925-065A-758375	Sequence 758375,
C 43	17	68.0	468	6	US-09-925-065A-254466	Sequence 254466,
C 44	17	68.0	469	8	US-10-955-054A-99	Sequence 99, Appl
C 45	17	68.0	477	10	US-10-301-480-333383	Sequence 333383,

## ALIGNMENTS

## RESULT 1

US-09-925-065A-860766/c  
; Sequence 860766, Application US/09925065A  
; Publication No. US20040181048A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single  
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome  
; FILE REFERENCE: 108827.135  
; CURRENT APPLICATION NUMBER: US/09/925,065A  
; CURRENT FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: US 60/243,096  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 60/252,147  
; PRIOR FILING DATE: 2000-11-20  
; PRIOR APPLICATION NUMBER: US 60/250,092  
; PRIOR FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 60/261,766  
; PRIOR FILING DATE: 2001-01-16  
; PRIOR APPLICATION NUMBER: US 60/289,846  
; PRIOR FILING DATE: 2001-05-09  
; NUMBER OF SEQ ID NOS: 957086  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 860766  
; LENGTH: 645  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-925-065A-860766

Query Match 100.0%; Score 25; DB 6; Length 645;  
Best Local Similarity 100.0%; Pred. No. 0.84;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGCTCAGCCACGCCCGCGCTG 25

Db 375 GTGCTCAGCCACGCCCGCGCTG 351

## RESULT 2

US-10-775-169-198/c  
; Sequence 198, Application US/10775169

```
; Publication No. US20050287532A9
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dörner, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 198
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-775-169-198

Query Match          100.0%; Score 25; DB 8; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.63;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCCCGCGCTG 25
Db 251 GTGCTCAGCCACGCCCCCGCGCTG 227

RESULT 3
US-11-045-578-5/c
; Sequence 5, Application US/11045578
; Publication No. US20060024685A1
; GENERAL INFORMATION:
; APPLICANT: HO, Rodney J.Y.
; APPLICANT: YANG, Ziping
; APPLICANT: SHEN, Danny D.
; APPLICANT: WU, Daniel
; TITLE OF INVENTION: NOVEL SEQUENCE VARIANTS OF MULTI-DRUG RESISTANCE GENES, MDR1 AND
; TITLE OF INVENTION: MRP1, AND RECOMBINANT CELLS EXPRESSING MRP1 AND MDR1 FOR
; TITLE OF INVENTION: ASSESSMENT OF DRUG PENETRATION AND DISPOSITION
; FILE REFERENCE: 016336-002510US
; CURRENT APPLICATION NUMBER: US/11/045,578
; CURRENT FILING DATE: 2005-01-26
; PRIOR APPLICATION NUMBER: US 60/539,362
; PRIOR FILING DATE: 2004-01-26
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: human MDR1
US-11-045-578-5

Query Match          100.0%; Score 25; DB 14; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.63;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCCCGCGCTG 25
Db 251 GTGCTCAGCCACGCCCCCGCGCTG 227

RESULT 4
US-09-925-065A-725554
; Sequence 725554, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
```

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; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 725554
; LENGTH: 1188
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-725554

Query Match          74.4%; Score 18.6; DB 6; Length 1188;
Best Local Similarity 84.0%; Pred. No. 2.5e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCCCGCGCTG 25
Db 838 GTGCTGAGCCCATGCCCGCGGCTG 862

RESULT 5
US-09-925-065A-948695
; Sequence 948695, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 948695
; LENGTH: 606
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-948695

Query Match          72.8%; Score 18.2; DB 6; Length 606;
Best Local Similarity 87.0%; Pred. No. 3.9e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GTGCTCAGCCACGCCCCCGCGGC 23
Db 196 GTGCTCAGCCCGCCCGCGGCGC 218

RESULT 6
US-09-925-065A-926155
; Sequence 926155, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
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; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 926155
; LENGTH: 848
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-926155
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```
Query Match 72.8%; Score 18.2; DB 6; Length 848;
Best Local Similarity 87.0%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1 GTGCTCAGCCACGCCCGCGGC 23
Db 671 GTGCTCAGCGCCCGCGCGGC 693
```

## RESULT 7

```
US-09-925-065A-948692
; Sequence 948692, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 948692
; LENGTH: 848
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-948692
```

```
Query Match 72.8%; Score 18.2; DB 6; Length 848;
Best Local Similarity 87.0%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1 GTGCTCAGCCACGCCCGCGGC 23
Db 671 GTGCTCAGCGCCCGCGCGGC 693
```

## RESULT 8

```
US-09-925-065A-948693
; Sequence 948693, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 948693
; LENGTH: 848
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-948693
```

```
Query Match 72.8%; Score 18.2; DB 6; Length 848;
Best Local Similarity 87.0%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1 GTGCTCAGCCACGCCCGCGGC 23
Db 671 GTGCTCAGCGCCCGCGCGGC 693
```

## RESULT 9

```
US-09-925-065A-948694
; Sequence 948694, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 948694
; LENGTH: 848
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-948694
```

```
Query Match 72.8%; Score 18.2; DB 6; Length 848;
Best Local Similarity 87.0%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1 GTGCTCAGCCACGCCCGCGGC 23
Db 671 GTGCTCAGCGCCCGCGCGGC 693
```

## RESULT 10

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US-10-310-914A-41993
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; PRIOR APPLICATION NUMBER: US 60/261,766  
; PRIOR FILING DATE: 2001-01-16  
; PRIOR APPLICATION NUMBER: US 60/289,846  
; PRIOR FILING DATE: 2001-05-09  
; NUMBER OF SEQ ID NOS: 957086  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 367595  
; LENGTH: 575  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-925-065A-367595

Query Match 70.4%; Score 17.6; DB 6; Length 575;  
Best Local Similarity 83.3%; Pred. No. 6.7e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
  
Qy 2 TGCTCAGCCACGCCCGCGCTG 25  
||| ||||| ||||| ||||| |||||  
Db 283 TGATCAGCCACGCCCGCTGCTG 306

RESULT 15  
US-09-925-065A-367596  
; Sequence 367596, Application US/09925065A  
; Publication No. US20040181048A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single  
; FILE REFERENCE: 108827.135  
; CURRENT APPLICATION NUMBER: US/09/925,065A  
; CURRENT FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: US 60/243,096  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 60/252,147  
; PRIOR FILING DATE: 2000-11-20  
; PRIOR APPLICATION NUMBER: US 60/250,092  
; PRIOR FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 60/261,766  
; PRIOR FILING DATE: 2001-01-16  
; PRIOR APPLICATION NUMBER: US 60/289,846  
; PRIOR FILING DATE: 2001-05-09  
; NUMBER OF SEQ ID NOS: 957086  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 367596  
; LENGTH: 575  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-925-065A-367596

Query Match 70.4%; Score 17.6; DB 6; Length 575;  
Best Local Similarity 83.3%; Pred. No. 6.7e+02;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
  
Qy 2 TGCTCAGCCACGCCCGCGCTG 25  
||| ||||| ||||| ||||| |||||  
Db 283 TGATCAGCCACGCCCGCTGCTG 306

Search completed: April 2, 2006, 01:44:35  
Job time : 514.506 secs

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Result No.	Score	Query		Length	DB	ID	Description
		Match	%				
1	18.8	75.2	601	3	US-09-949-016-189127		Sequence 189127,
C	2	18.8	75.2	601	3	US-09-949-016-189128	Sequence 189128,
	3	18.8	75.2	76401	3	US-09-949-016-17153	Sequence 17153, A
	4	18.6	74.4	3258	3	US-09-252-991A-13079	Sequence 13079, A
5	18.6	74.4	328	3	US-09-252-991A-12708	Sequence 12708, A	
C	6	18.6	74.4	3525	3	US-09-252-991A-13251	Sequence 13251, A
	7	18.6	74.4	306	3	US-09-949-016-184913	Sequence 164913,
	8	18.2	72.8	601	3	US-08-615-170-20	Sequence 20, Appl
9	18.2	72.8	1894	2	US-08-615-170-18	Sequence 18, Appl	
10	18.2	72.8	2087	3	US-09-949-016-4640	Sequence 4640, Ap	
C	11	18.2	72.8	12588	2	US-08-387-943C-1	Sequence 1, Appl
	12	18.2	72.8	36103	3	US-09-949-016-16382	Sequence 16382, A
	13	18.2	72.8	50850	3	US-09-949-016-15083	Sequence 15083, A
14	18.2	72.8	50850	3	US-09-949-016-15084	Sequence 15084, A	
15	18.2	72.8	50850	3	US-09-949-016-15085	Sequence 15085, A	
16	18	72.0	601	3	US-09-949-016-21849	Sequence 21849, A	
17	18	72.0	601	3	US-09-949-016-83767	Sequence 83767, A	
C	18	72.0	5024	3	US-09-307-143-1	Sequence 1, Appl	
	19	18	72.0	5529	3	US-09-949-016-2415	Sequence 2415, Ap
	20	18	72.0	6519	2	US-08-588-985-1	Sequence 1, Appl
21	18	72.0	6519	3	US-08-971-988-1	Sequence 1, Appl	
22	18	72.0	6519	2	US-09-949-016-1198	Sequence 198, App	
23	18	72.0	455726	3	US-09-949-016-14157	Sequence 14157, A	
24	18	72.0	481115	3	US-09-949-016-11940	Sequence 11940, A	

; PRIOR APPLICATION NUMBER: 60/237,768  
; PRIOR FILING DATE: 2000-10-03  
; PRIOR APPLICATION NUMBER: 60/231,498  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 207012  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 189128  
; LENGTH: 601  
; TYPE: DNA  
; ORGANISM: Human  
US-09-949-016-189128

Query Match 75.2%; Score 18.8; DB 3; Length 601;  
Best Local Similarity 90.9%; Pred. No. 69;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 GCATCTCCACGAAGGCAGAGTT 25  
||| ||||| ||||| ||||| |||||  
DB 309 GCAGCTCCACGAGGCGAGAGTT 330

## RESULT 3

US-09-949-016-17153/c  
; Sequence 17153, Application US/09949016  
; Patent No. 6812339  
; GENERAL INFORMATION:  
; APPLICANT: VENTER, J. Craig et al.  
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED  
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001307  
; CURRENT APPLICATION NUMBER: US/09/949,016  
; CURRENT FILING DATE: 2000-04-14  
; PRIOR APPLICATION NUMBER: 60/241,755  
; PRIOR FILING DATE: 2000-10-20  
; PRIOR APPLICATION NUMBER: 60/237,768  
; PRIOR FILING DATE: 2000-10-03  
; PRIOR APPLICATION NUMBER: 60/231,498  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 207012  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 17153  
; LENGTH: 76401  
; TYPE: DNA  
; ORGANISM: Human  
US-09-949-016-17153

Query Match 75.2%; Score 18.8; DB 3; Length 76401;  
Best Local Similarity 90.9%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 GCATCTCCACGAAGGCAGAGTT 25  
||| ||||| ||||| ||||| |||||  
DB 28802 GCAGCTCCACGAGGCGAGAGTT 28781

## RESULT 4

US-09-252-991A-13079/c  
; Sequence 13079, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 13079  
; LENGTH: 2028

; TYPE: DNA  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-13079

Query Match 74.4%; Score 18.6; DB 3; Length 2028;  
Best Local Similarity 84.0%; Pred. No. 97;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25  
||| ||||| ||||| ||||| |||||  
DB 1187 CCAGCTTGTGCACGAAGGAAGAGTT 1163

## RESULT 5

US-09-252-991A-12708  
; Sequence 12708, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 12708  
; LENGTH: 3525  
; TYPE: DNA  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-12708

Query Match 74.4%; Score 18.6; DB 3; Length 3525;  
Best Local Similarity 84.0%; Pred. No. 1e+02;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25  
||| ||||| ||||| ||||| |||||  
DB 1998 CCAGCTTGTGCACGAAGGAAGAGTT 2022

## RESULT 6

US-09-252-991A-13251/c  
; Sequence 13251, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 13251  
; LENGTH: 3906  
; TYPE: DNA  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-13251

Query Match 74.4%; Score 18.6; DB 3; Length 3906;  
Best Local Similarity 84.0%; Pred. No. 1.1e+02;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25  
||| ||||| ||||| ||||| |||||  
DB 2218 CCAGCTTGTGCACGAAGGAAGAGTT 2194

RESULT 7  
US-09-949-016-164913  
; Sequence 164913, Application US/09949016  
; Patent No. 6812339  
; GENERAL INFORMATION:  
; APPLICANT: VENTER, J. Craig et al.  
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED  
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001307  
; CURRENT APPLICATION NUMBER: US/09/949,016  
; PRIOR FILING DATE: 2000-04-14  
; PRIOR APPLICATION NUMBER: 60/241,755  
; PRIOR FILING DATE: 2000-10-20  
; PRIOR APPLICATION NUMBER: 60/237,768  
; PRIOR FILING DATE: 2000-10-03  
; PRIOR APPLICATION NUMBER: 60/231,498  
; PRIOR FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 207012  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 164913  
; LENGTH: 601  
; TYPE: DNA  
; ORGANISM: Human  
US-09-949-016-164913

Query Match 72.8%; Score 18.2; DB 3; Length 601;  
Best Local Similarity 87.0%; Pred. No. 1.3e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAGGCGAG 23  
DB 16 CCAGCACCCTCCACGAGGCTGAG 38

RESULT 8  
US-08-615-170-20/c  
; Sequence 20, Application US/08615170  
; Patent No. 5776776  
; GENERAL INFORMATION:  
; APPLICANT: ORDAHL, Charles P.  
; APPLICANT: AZAKIE, Anthony  
; APPLICANT: MAR, Janet H.  
; APPLICANT: FARRANCE, Iain K.G.  
; APPLICANT: HALL, Deborah E.  
; APPLICANT: STEWART, Alexandre F.R.  
; APPLICANT: LARKIN, Sarah B.  
; TITLE OF INVENTION: DTEP-1 ISOFORMS AND USES THEREOF  
; NUMBER OF SEQUENCES: 32  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend Kourie and Crew  
; STREET: Steuart Street Tower, One Market Plaza  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: US  
; ZIP: 94105-1493  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/615,170  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/01526  
; FILING DATE: 06-FEB-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/191,493  
; FILING DATE: 04-FEB-1994  
; INFORMATION FOR SEQ ID NO: 18:  
; SEQUENCE CHARACTERISTICS:

; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Heslin, James M.  
; REGISTRATION NUMBER: 29,541  
; REFERENCE/DOCKET NUMBER: 2307U-053120  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 326-2400  
; TELEFAX: (415) 326-2422  
; INFORMATION FOR SEQ ID NO: 20:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1894 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
US-08-615-170-20

Query Match 72.8%; Score 18.2; DB 2; Length 1894;  
Best Local Similarity 87.0%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 CAGCATCTCCACGAGGCGAGT 24  
DB 1054 CGGCACCTCCATGAGGCGAGT 1032

RESULT 9  
US-08-615-170-18/c  
; Sequence 18, Application US/08615170  
; Patent No. 5776776  
; GENERAL INFORMATION:  
; APPLICANT: ORDAHL, Charles P.  
; APPLICANT: AZAKIE, Anthony  
; APPLICANT: MAR, Janet H.  
; APPLICANT: FARRANCE, Iain K.G.  
; APPLICANT: HALL, Deborah E.  
; APPLICANT: STEWART, Alexandre F.R.  
; APPLICANT: LARKIN, Sarah B.  
; TITLE OF INVENTION: DTEP-1 ISOFORMS AND USES THEREOF  
; NUMBER OF SEQUENCES: 32  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend Kourie and Crew  
; STREET: Steuart Street Tower, One Market Plaza  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: US  
; ZIP: 94105-1493  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/615,170  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/01526  
; FILING DATE: 06-FEB-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/191,493  
; FILING DATE: 04-FEB-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Heslin, James M.  
; REGISTRATION NUMBER: 29,541  
; REFERENCE/DOCKET NUMBER: 2307U-053120  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 326-2400  
; TELEFAX: (415) 326-2422  
; INFORMATION FOR SEQ ID NO: 18:  
; SEQUENCE CHARACTERISTICS:

/ LENGTH: 1897 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: cDNA  
US-08-615-170-18

Query Match 72.8%; Score 18.2; DB 2; Length 1897;  
Best Local Similarity 87.0%; Pred. No. 1.4e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 CAGCATCTCCAGGAGGAGT 24  
| | | | | | | | | | | | | | | | | | | | | |  
DB 1057 CGGCACCTCCATGAAGGAGT 1035

## RESULT 10

US-09-949-016-4640/c  
Sequence 4640, Application US/09949016  
Patent No. 6812339

/ GENERAL INFORMATION:

/ APPLICANT: VENTER, J. Craig et al.  
/ TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED  
/ FILE REFERENCE: CL001307  
/ CURRENT APPLICATION NUMBER: US/09/949,016  
/ PRIOR FILING DATE: 2000-04-14  
/ PRIOR APPLICATION NUMBER: 60/241,755  
/ PRIOR FILING DATE: 2000-10-20  
/ PRIOR APPLICATION NUMBER: 60/237,768  
/ PRIOR FILING DATE: 2000-10-03  
/ PRIOR APPLICATION NUMBER: 60/231,498  
/ PRIOR FILING DATE: 2000-09-08  
/ NUMBER OF SEQ ID NOS: 207012  
/ SOFTWARE: FastSeq for Windows Version 4.0  
/ SEQ ID NO 4640  
/ LENGTH: 2087  
/ TYPE: DNA  
/ ORGANISM: Human  
US-09-949-016-4640

Query Match 72.8%; Score 18.2; DB 3; Length 2087;  
Best Local Similarity 87.0%; Pred. No. 1.5e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGAGT 23  
| | | | | | | | | | | | | | | | | | | | | |  
DB 319 CCAGCACCTCCAGGAGGAGT 297

## RESULT 11

US-08-387-942C-1  
Sequence 1, Application US/08387942C  
Patent No. 5939289

/ GENERAL INFORMATION:

/ APPLICANT: ERTESVAG, HELGA  
/ APPLICANT: VALLA, SVEIN  
/ APPLICANT: SKJAK-BRAEK, GUDMUND  
/ APPLICANT: LARSEN, BJORN  
/ TITLE OF INVENTION: DNA COMPOUNDS COMPRISING SEQUENCES  
/ TITLE OF INVENTION: ENCODING MANNURONAN C-5-EPIMERASE  
/ NUMBER OF SEQUENCES: 52  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH, LLP  
/ STREET: P.O. BOX 747  
/ CITY: FALLS CHURCH  
/ STATE: VA  
/ COUNTRY: USA  
/ ZIP: 22042

/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS

/ SOFTWARE: PatentIn Release #1.0, Version #1.30  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/387,942C  
/ FILING DATE: 09-MAY-1995  
/ CLASSIFICATION: 435

/ ATTORNEY/AGENT INFORMATION:  
/ NAME: MURPHY JR, GERALD M.  
/ REGISTRATION NUMBER: 28,977  
/ REFERENCE/DOCKET NUMBER: 1809-106P

/ TELECOMMUNICATION INFORMATION:

/ TELEPHONE: 703-205-8000

/ TELEFAX: 703-205-8050

/ INFORMATION FOR SEQ ID NO: 1:

/ SEQUENCE CHARACTERISTICS:

/ LENGTH: 12588 base pairs

/ TYPE: nucleic acid

/ STRANDEDNESS: single

/ TOPOLOGY: linear

/ MOLECULE TYPE: DNA (genomic)

/ ORIGINAL SOURCE:

/ ORGANISM: Azotobacter vinelandii

/ STRAIN: E

/ FEATURE:

/ NAME/KEY: CDS

/ LOCATION: 290..1951

/ FEATURE:

/ NAME/KEY: CDS

/ LOCATION: 2227..6438

/ FEATURE:

/ NAME/KEY: CDS

/ LOCATION: 6702..9695

/ FEATURE:

/ NAME/KEY: CDS

/ LOCATION: 9973..12588

US-08-387-942C-1

Query Match

72.8%; Score 18.2; DB 2; Length 12588;

Best Local Similarity 87.0%; Pred. No. 1.8e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGAGT 23

DB 8771 CCAGCAACTCTCGAAGGAGCG 8793

## RESULT 12

US-09-949-016-16382/c

Sequence 16382, Application US/09949016

Patent No. 6812339

/ GENERAL INFORMATION:

/ APPLICANT: VENTER, J. Craig et al.

/ TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

/ FILE REFERENCE: CL001307

/ CURRENT APPLICATION NUMBER: US/09/949,016

/ PRIOR FILING DATE: 2000-04-14

/ PRIOR APPLICATION NUMBER: 60/241,755

/ PRIOR FILING DATE: 2000-10-20

/ PRIOR APPLICATION NUMBER: 60/237,768

/ PRIOR FILING DATE: 2000-10-03

/ PRIOR APPLICATION NUMBER: 60/231,498

/ PRIOR FILING DATE: 2000-09-08

/ NUMBER OF SEQ ID NOS: 207012

/ SOFTWARE: FastSeq for Windows Version 4.0

/ SEQ ID NO 16382

/ LENGTH: 36103

/ TYPE: DNA

/ ORGANISM: Human

US-09-949-016-16382

Query Match

72.8%; Score 18.2; DB 3; Length 36103;

Best Local Similarity 87.0%; Pred. No. 2.1e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;



Search completed: April 1, 2006, 18:30:49  
Job time : 80.4483 secs

Qy 2 CAGCATCTCCACGAAGGCAGAGT 24  
||| ||||| ||||| |||||  
Db 512 CAGACTCTCCACGAAGGCAGAGT 534

**This Page Blank (uspto)**

GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:14:36 ; Search time 580.747 Seconds  
(without alignments)  
355.980 Million cell updates/sec

Title: US-10-007-255-11

Perfect score: 25

Sequence: 1 ccagcatctccacgaagcagagtt 25

Scoring table:

IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA Main:  
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10: /cgn2\_6/ptodata/1/pubpna/US11\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	25	100.0	25	9	US-10-007-255-11
2	25	100.0	25	9	US-10-007-255-11
3	25	100.0	1021	7	US-10-321-039-24
4	25	100.0	2932	8	US-10-473-126-37
5	25	100.0	10200	9	US-10-415-607-5
6	25	100.0	177380	8	US-10-484-577-683
7	19.2	76.8	561	7	US-10-767-701-25185
8	19.2	76.8	619	8	US-10-425-115-59217
9	18.6	74.4	60	3	US-09-908-975-9939
10	18.6	74.4	1116	9	US-10-764-420-1442
11	18.6	74.4	2797	9	US-10-336-603A-7
12	18.6	74.4	2914	6	US-10-336-603A-9
13	18.6	74.4	2963	6	US-10-444-575-5
14	18.6	74.4	2963	7	US-10-440-464-125
15	18.6	74.4	2963	9	US-10-344-307A-11
16	18.6	74.4	2963	9	US-10-956-157-810
17	18.6	74.4	2968	7	US-10-336-603A-11
18	18.6	74.4	3058	3	US-09-964-824A-234
19	18.6	74.4	3058	4	US-09-880-107-1654
20	18.6	74.4	3058	7	US-10-336-603A-5
21	18.6	74.4	3058	9	US-10-344-307A-13
22	18.6	74.4	3058	9	US-10-843-641A-5537
23	18.6	74.4	3489	9	US-10-489-695-33

24	18.6	74.4	684187	7	US-10-367-094-71	Sequence 71, Appl
25	18.2	72.8	25	8	US-10-719-900-872296	Sequence 872296,
26	18.2	72.8	494	5	US-10-027-632-230104	Sequence 230104,
27	18.2	72.8	494	6	US-10-027-632-230104	Sequence 230104,
28	18.2	72.8	535	4	US-09-925-065A-544975	Sequence 544975,
29	18.2	72.8	563	4	US-09-925-065A-320867	Sequence 320867,
30	18.2	72.8	564	4	US-09-925-065A-50597	Sequence 50597, A
31	18.2	72.8	945	5	US-10-027-632-30739	Sequence 30739, A
32	18.2	72.8	1346	3	US-09-805-020-25	Sequence 25, Appl
33	18.2	72.8	1422	7	US-10-437-963-75819	Sequence 75819, A
34	18.2	72.8	1643	3	US-09-805-020-26	Sequence 26, Appl
35	18.2	72.8	1717	3	US-09-805-020-24	Sequence 24, Appl
36	18.2	72.8	2083	6	US-10-159-563-289	Sequence 289, App
37	18.2	72.8	2164	4	US-09-925-065A-701379	Sequence 701379,
38	18.2	72.8	2196	5	US-10-087-192-1799	Sequence 1799, Ap
39	18.2	72.8	2345	6	US-10-101-510-504	Sequence 504, App
40	18.2	72.8	2713	3	US-09-805-020-27	Sequence 27, Appl
41	18.2	72.8	57013	5	US-10-087-192-1798	Sequence 1798, Ap
42	18.2	72.8	201	8	US-10-719-993-2047	Sequence 2047, Ap
43	18	72.0	201	8	US-10-719-993-2097	Sequence 2097, Ap
44	18	72.0	201	8	US-10-719-993-13683	Sequence 13683, A
45	18	72.0	201	8		

ALIGNMENTS

RESULT 1

US-10-007-255-11  
; Sequence 11, Application US/10007255  
; Publication No. US20050203036A1  
; GENERAL INFORMATION:  
; APPLICANT: Colgan, Sean  
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an  
; FILE REFERENCE: B0801/7233 (ERP)  
; CURRENT APPLICATION NUMBER: US/10/007,255  
; CURRENT FILING DATE: 2001-10-25  
; EARLIER APPLICATION NUMBER: US 60/243,542  
; EARLIER FILING DATE: 2000-10-26  
; NUMBER OF SEQ ID NOS: 67  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 11  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: homo sapiens  
; US-10-007-255-11

Query Match 100.0%; Score 25; DB 9; Length 25;  
Best Local Similarity 100.0%; Pred. No. 0.11;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CCAGCATCTCCACGAGGCGAGGTT 25

Db 1 CCAGCATCTCCACGAGGCGAGGTT 25

RESULT 2

US-10-007-255-28/c  
; Sequence 28, Application US/10007255  
; Publication No. US20050203036A1  
; GENERAL INFORMATION:  
; APPLICANT: Colgan, Sean  
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an  
; FILE REFERENCE: B0801/7233 (ERP)  
; CURRENT APPLICATION NUMBER: US/10/007,255  
; CURRENT FILING DATE: 2001-10-25  
; EARLIER APPLICATION NUMBER: US 60/243,542  
; EARLIER FILING DATE: 2000-10-26  
; NUMBER OF SEQ ID NOS: 67  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 28  
; LENGTH: 25  
; TYPE: DNA

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; ORGANISM: homo sapiens
US-10-007-255-28

Query Match      100.0%; Score 25; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25
Db 25 CCAGCATCTCCACGAAGGCAGAGTT 1

RESULT 3
US-10-321-039-24
; Sequence 24, Application US/10321039
; Publication No. US20040014067A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lukowiak, Andrew
; APPLICANT: Jarvis, Nancy
; APPLICANT: Kurensky, David
; TITLE OF INVENTION: Amplification Methods and Compositions
; FILE REFERENCE: FORS-06960
; CURRENT APPLICATION NUMBER: US/10/321,039
; CURRENT FILING DATE: 2002-12-17
; PRIOR FILING DATE: 09/998,157
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/329,113
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/360,489
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 759
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24
; LENGTH: 1021
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (561)..(561)
; OTHER INFORMATION: n can be t or c.
US-10-321-039-24

Query Match      100.0%; Score 25; DB 7; Length 1021;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25
Db 805 CCAGCATCTCCACGAAGGCAGAGTT 829

RESULT 4
US-10-473-126-37/c
; Sequence 37, Application US/10473126
; Publication No. US2004023497A1
; GENERAL INFORMATION:
; APPLICANT: Epigenomics AG
; TITLE OF INVENTION: Methods and nucleic acids for the analysis of hematopoietic cell
; TITLE OF INVENTION: proliferative disorders
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/473,126
; CURRENT FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 1258
; SEQ ID NO 37
; LENGTH: 2932
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-473-126-37

Query Match      100.0%; Score 25; DB 8; Length 2932;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25
Db 1594 CCAGCATCTCCACGAAGGCAGAGTT 1570

RESULT 5
US-10-415-607-5/c
; Sequence 5, Application US/10415607
; Publication No. US20050076397A1
; GENERAL INFORMATION:
; APPLICANT: Liddle, Christopher
; APPLICANT: Goodwin, Bryan J.
; APPLICANT: Robertson, Graham
; TITLE OF INVENTION: P450 GENE REGULATION
; FILE REFERENCE: A-72251/RFT
; CURRENT APPLICATION NUMBER: US/10/415,607
; CURRENT FILING DATE: 2003-09-08
; PRIOR APPLICATION NUMBER: PCT/AU01/01407
; PRIOR FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 10200
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-415-607-5

Query Match      100.0%; Score 25; DB 9; Length 10200;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25
Db 9817 CCAGCATCTCCACGAAGGCAGAGTT 9793

RESULT 6
US-10-484-577-683/c
; Sequence 683, Application US/10484577
; Publication No. US20050032724A1
; GENERAL INFORMATION:
; APPLICANT: EPIDAUROS Biotechnologie Aktiengesellschaft
; TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGT1A1
; FILE REFERENCE: P2285PCT-1
; CURRENT APPLICATION NUMBER: US/10/484,577
; CURRENT FILING DATE: 2004-01-22
; PRIOR APPLICATION NUMBER: PCT/EP 02/08220
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: EP 01 11 7608.8
; PRIOR FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: EP 02011710.7
; PRIOR FILING DATE: 2002-05-24
; NUMBER OF SEQ ID NOS: 683
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 683
; LENGTH: 177380
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-484-577-683

Query Match      100.0%; Score 25; DB 8; Length 177380;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25
Db 141346 CCAGCATCTCCACGAAGGCAGAGTT 141322

RESULT 7
US-10-767-701-25185
; Sequence 25185, Application US/10767701
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; CURRENT APPLICATION NUMBER: US/09/908,975
; PRIOR FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9939
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-908-975--9939

Query Match          74.4%; Score 18.6; DB 3; Length 60;
Best Local Similarity 84.0%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25
    ||||| ||||| ||||| |||||
DB 36 CCAGCAGCTCCACAAAGGCTGACTT 12

RESULT 10
US-10-764-420-1442/c
; Sequence 1442, Application US/10764420
; Publication No. US20050084872A1
; GENERAL INFORMATION:
; APPLICANT: Lum, Pek Yee
; APPLICANT: Tan, Yejun
; APPLICANT: Dai, Hongyue
; TITLE OF INVENTION: Methods For Determining Whether An Agent
; TITLE OF INVENTION: Possesses A Defined Biological Activity
; FILE REFERENCE: ROSA122057
; CURRENT APPLICATION NUMBER: US/10/764,420
; PRIOR FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US 60/442,797
; PRIOR FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: US 60/474,413
; PRIOR FILING DATE: 2003-05-30
; NUMBER OF SEQ ID NOS: 3683
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1442
; LENGTH: 1116
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-764-420-1442

Query Match          74.4%; Score 18.6; DB 9; Length 1116;
Best Local Similarity 84.0%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAGTT 25
    ||||| ||||| ||||| |||||
DB 858 CCAGCAGCTCCACGAAGTCAGTGAT 834

RESULT 11
US-10-336-603A-7/c
; Sequence 7, Application US/10336603A
; Publication No. US20040072997A1
; GENERAL INFORMATION:
; APPLICANT: Alsbrook et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, A
; FILE REFERENCE: 21402-533A
; CURRENT APPLICATION NUMBER: US/10/336,603A
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: 09/746,491
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 10/055,569
; PRIOR FILING DATE: 2001-10-26
; NUMBER OF SEQ ID NOS: 169
; SOFTWARE: CuraSeq!ist version 0.1

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; SEQ ID NO 7  
; LENGTH: 2797  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (130)..(2658)  
US-10-336-603A-7

Query Match 74.4%; Score 18.6; DB 7; Length 2797;  
Best Local Similarity 84.0%; Pred. No. 1.1e+02;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGAGGCAGAGTT 25  
Db 1417 CCAGCTTCTCCAGAGGCATAGCT 1393

## RESULT 12

US-10-336-603A-9/c  
; Sequence 9, Application US/10336603A  
; Publication No. US20040072997A1  
; GENERAL INFORMATION:  
; APPLICANT: Alsobrook et al.  
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD  
; FILE REFERENCE: 21402-533A  
; CURRENT APPLICATION NUMBER: US/10/336,603A  
; CURRENT FILING DATE: 2003-01-03  
; PRIOR APPLICATION NUMBER: 09/746,491  
; PRIOR FILING DATE: 2000-12-20  
; PRIOR APPLICATION NUMBER: 10/055,569  
; PRIOR FILING DATE: 2001-10-26  
; NUMBER OF SEQ ID NOS: 169  
; SOFTWARE: CuraSeqList version 0.1  
; SEQ ID NO 9  
; LENGTH: 2914  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (130)..(2775)  
US-10-336-603A-9

Query Match 74.4%; Score 18.6; DB 7; Length 2914;  
Best Local Similarity 84.0%; Pred. No. 1.1e+02;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGAGGCAGAGTT 25  
Db 1417 CCAGCTTCTCCAGAGGCATAGCT 1393

## RESULT 13

US-10-444-575-5/c  
; Sequence 5, Application US/10444575  
; Publication No. US2003023274A1  
; GENERAL INFORMATION:  
; APPLICANT: University of Connecticut Health Center  
; APPLICANT: Kuchel, George A  
; APPLICANT: Zhu, Qing  
; TITLE OF INVENTION: Compositions and Methods Relating to Detrusor Estrogen-Regulated  
; TITLE OF INVENTION: Protein (DERP)  
; FILE REFERENCE: UCT-0035  
; CURRENT APPLICATION NUMBER: US/10/444,575  
; CURRENT FILING DATE: 2003-05-22  
; PRIOR APPLICATION NUMBER: US 60/382,830  
; PRIOR FILING DATE: 2002-05-23  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 5  
; LENGTH: 2963  
; TYPE: DNA  
; ORGANISM: Homo sapiens

; PUBLICATION INFORMATION:  
; AUTHORS: Tobe, T., Saguchi, K., Hashimoto, K., Miura, N.H., Tomita, M.,  
; AUTHORS: Li, F., Wang, Y., Minoshima, S., and Shimizu, N.  
; TITLE: Mapping of human inter-alpha-trypsin inhibitor family heavy  
; TITLE: chain-related protein gene (ITIH1) to human chromosome 3p21-p14  
; JOURNAL: Cytogenet. Cell Genet.  
; VOLUME: 71  
; ISSUE: 3  
; PAGES: 296-298  
; DATE: 1995  
; DATABASE ACCESSION NUMBER: NM\_002218  
; DATABASE ENTRY DATE: 2003-04-07  
; RELEVANT RESIDUES: (1)..(2963)  
US-10-444-575-5

Query Match 74.4%; Score 18.6; DB 6; Length 2963;  
Best Local Similarity 84.0%; Pred. No. 1.1e+02;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGAGGCAGAGTT 25  
Db 1321 CCAGCTTCTCCAGAGGCATAGCT 1297

## RESULT 14

US-10-440-464-125/c  
; Sequence 125, Application US/10440464  
; Publication No. US20040018528A1  
; GENERAL INFORMATION:  
; APPLICANT: DEPRIMO, SAMUEL  
; APPLICANT: O'FARRELL, ANNE-MARIE  
; APPLICANT: MORIMOTO, ALYSSA  
; APPLICANT: SMOLICH, BEVERLY  
; APPLICANT: MANNING, WILLIAM  
; APPLICANT: WALTER, SARAH  
; APPLICANT: CHERRINGTON, JULIE  
; APPLICANT: SCHILLING, JIM  
; TITLE OF INVENTION: NOVEL BIOMARKERS OF TYROSINE KINASE INHIBITOR EXPOSURE  
; TITLE OF INVENTION: AND ACTIVITY IN MAMMALS  
; FILE REFERENCE: 038602/1592  
; CURRENT APPLICATION NUMBER: US/10/440,464  
; CURRENT FILING DATE: 2003-05-19  
; PRIOR APPLICATION NUMBER: 60/380,872  
; PRIOR FILING DATE: 2002-05-17  
; PRIOR APPLICATION NUMBER: 60/448,922  
; PRIOR FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: 60/448,874  
; PRIOR FILING DATE: 2003-02-24  
; NUMBER OF SEQ ID NOS: 185  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 125  
; LENGTH: 2963  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-440-464-125

Query Match 74.4%; Score 18.6; DB 7; Length 2963;  
Best Local Similarity 84.0%; Pred. No. 1.1e+02;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGAGGCAGAGTT 25  
Db 1321 CCAGCTTCTCCAGAGGCATAGCT 1297

## RESULT 15

US-10-344-307A-11/c  
; Sequence 11, Application US/10344307A  
; Publication No. US20050049189A1  
; GENERAL INFORMATION:  
; APPLICANT: Uchida et al.  
; TITLE OF INVENTION: Protein induced by homogeneous blood transfusion and DNA encoding  
; FILE REFERENCE: SAG135.001APC

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; CURRENT APPLICATION NUMBER: US/10/344,307A
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: JP P2000-241169
; PRIOR FILING DATE: 2000-08-09
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 2963
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-344-307A-11
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Query Match      74.4%; Score 18.6; DB 9; Length 2963;
Best Local Similarity 84.0%; Pred.No. 1.le+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1 CCAGCATCTCCACGAAGGCAGATT 25
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Db     1321 CCAGCTTCTCCAGGAAGGCATAGCT 1297
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GenCore version 5.1.7  
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OM nucleic - nucleic search, using sw model  
Run on: April 2, 2006, 00:33:54 ; Search time 513.506 Seconds  
(Without alignments)  
194.399 Million cell updates/sec

Title: US-10-007-255-11  
Perfect score: 25  
Sequence: 1 ccagcatctccacgaaggcaggtt 25

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 9263891 seqs, 1996499642 residues

Total number of hits satisfying chosen parameters: 18527782

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications NA New:  
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2: /SID85/ptodata/2/pubpna/US06\_NEW\_PUB.seq:  
3: /SID85/ptodata/2/pubpna/US07\_NEW\_PUB.seq:  
4: /SID85/ptodata/2/pubpna/US09\_NEW\_PUB.seq:  
5: /SID85/ptodata/2/pubpna/US09\_NEW\_PUB.seq:  
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7: /SID85/ptodata/2/pubpna/US10\_NEW\_PUB.seq:  
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9: /SID85/ptodata/2/pubpna/US10\_NEW\_PUB.seq:  
10: /SID85/ptodata/2/pubpna/US10\_NEW\_PUB.seq:  
11: /SID85/ptodata/2/pubpna/US11\_NEW\_PUB.seq:  
12: /SID85/ptodata/2/pubpna/US11\_NEW\_PUB.seq:  
13: /SID85/ptodata/2/pubpna/US11\_NEW\_PUB.seq:  
14: /SID85/ptodata/2/pubpna/US11\_NEW\_PUB.seq:  
15: /SID85/ptodata/2/pubpna/US60\_NEW\_PUB.seq:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	20.2	80.8	1414	11	US-11-096-568A-16012
C 2	18.6	74.4	3260	11	US-11-177-506-16
C 3	18.6	74.4	3588	11	US-11-096-568A-29271
C 4	18.2	72.8	535	6	US-09-925-065A-544975
C 5	18.2	72.8	563	6	US-09-925-065A-320867
C 6	18.2	72.8	564	6	US-09-925-065A-50597
C 7	18.2	72.8	564	10	US-10-301-480-151835
C 8	18.2	72.8	564	10	US-10-301-480-765244
C 9	18.2	72.8	593	10	US-10-301-480-395548
C 10	18.2	72.8	593	10	US-10-301-480-1008957
C 11	18.2	72.8	1902	14	US-11-128-061-655
C 12	18.2	72.8	1902	14	US-11-128-049-655
C 13	18.2	72.8	2083	14	US-11-000-688-644
C 14	18.2	72.8	2164	6	US-09-925-065A-701379
C 15	18.2	72.8	2797	9	US-10-501-035-145
C 16	18.2	72.8	11932	14	US-11-128-061-3339
C 17	18.2	72.8	11932	14	US-11-128-049-3339
C 18	18	72.0	25	14	US-11-136-527-242508

C 19	18	72.0	25	14	US-11-136-527-242523	Sequence 242523,
C 20	18	72.0	1400	14	US-11-136-527-5138	Sequence 5138, Ap
C 21	18	72.0	2680	14	US-11-136-527-1042	Sequence 1042, Ap
C 22	18	72.0	6519	8	US-10-955-054A-59	Sequence 59, Appl
C 23	17.8	71.2	548	10	US-10-301-480-523766	Sequence 523766,
C 24	17.8	71.2	548	10	US-10-301-480-1137175	Sequence 1137175,
C 25	17.8	71.2	557	6	US-09-925-065A-468290	Sequence 468290, A
C 26	17.8	71.2	658	8	US-10-750-185-29920	Sequence 29920, A
C 27	17.8	71.2	658	8	US-10-750-623-29920	Sequence 29920, A
C 28	17.6	70.4	568	6	US-09-925-065A-640149	Sequence 640149,
C 29	17.6	70.4	619	6	US-09-925-065A-793130	Sequence 793130,
C 30	17.6	70.4	696	6	US-09-925-065A-720492	Sequence 720492,
C 31	17.6	70.4	1139	8	US-10-750-185-41405	Sequence 41405, A
C 32	17.6	70.4	1139	8	US-10-750-623-41405	Sequence 41405, A
C 33	17.6	70.4	1658	8	US-10-750-185-63928	Sequence 63928, A
C 34	17.6	70.4	1658	8	US-10-750-623-63928	Sequence 63928, A
C 35	17.6	70.4	2298	11	US-11-096-568A-31695	Sequence 31695, A
C 36	17.6	70.4	138627	9	US-10-330-773-159	Sequence 159, App
C 37	17.6	70.4	393323	9	US-10-330-773-23	Sequence 23, Appl
C 38	17.6	70.4	403278	8	US-10-995-561-13421	Sequence 13421, A
C 39	17.4	69.6	653	6	US-09-925-065A-920757	Sequence 920757,
C 40	17.4	69.6	653	6	US-09-925-065A-920758	Sequence 920758,
C 41	17.4	69.6	653	6	US-09-925-065A-920759	Sequence 920759,
C 42	17.4	69.6	1093	8	US-10-750-185-59221	Sequence 59221, A
C 43	17.4	69.6	1093	8	US-10-750-623-59221	Sequence 59221, A
C 44	17.2	68.8	26	8	US-10-310-914A-1211329	Sequence 1211329,
C 45	17.2	68.8	599	6	US-09-925-065A-766206	Sequence 766206,

ALIGNMENTS

RESULT 1

US-11-096-568A-16012/c  
; Sequence 16012, Application US/11096568A  
; Publication No. US20060048240A1  
; GENERAL INFORMATION:  
; APPLICANT: Alexandrov, Nickolai et al.  
; TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides  
; FILE REFERENCE: 2750-1592PUS2  
; CURRENT APPLICATION NUMBER: US/11/096,568A  
; CURRENT FILING DATE: 2005-04-01  
; NUMBER OF SEQ ID NOS: 34471  
; SEQ ID NO 16012  
; LENGTH: 1414  
; TYPE: DNA  
; ORGANISM: Zea mays subsp. mays  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(1414)  
; OTHER INFORMATION: Ceres Seq. ID no. 12350215  
US-11-096-568A-16012

Query Match 80.8%; Score 20.2; DB 11; Length 1414;  
Best Local Similarity 88.0%; Pred. No. 13;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CCAGCATCTCCAGGAGGCAAGTT 25

Db 853 CCAGCATCTCCAGGAGGCAAGTT 829

RESULT 2

US-11-177-506-16/c  
; Sequence 16, Application US/11177506  
; Publication No. US20060029956A1  
; GENERAL INFORMATION:  
; APPLICANT: Beyer, Wayne F.  
; APPLICANT: Venetta, Thomas M.  
; APPLICANT: Groelke, John W.  
; APPLICANT: Blaesus, Rainer H.  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE

```
; TITLE OF INVENTION: DETECTION OF OVARIAN DISEASE
; FILE REFERENCE: 46143/294851
; CURRENT APPLICATION NUMBER: US/11/177,506
; CURRENT FILING DATE: 2005-07-08
; PRIOR APPLICATION NUMBER: 60/586,856
; PRIOR FILING DATE: 2004-07-09
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 3260
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (37)...(2829)
US-11-177-506-16

Query Match          74.4%; Score 18.6; DB 11; Length 3260;
Best Local Similarity 84.0%; Pred. No. 82;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGCGAGGTT 25
Db 1324 CCAGTCTCTCCAGGAGGCGATAGCT 1300

RESULT 3
US-11-096-568A-29271
; Sequence 29271, Application US/11096568A
; Publication No. US20060048240A1
; GENERAL INFORMATION:
; APPLICANT: Alexandrov, Nikolai et al.
; TITLE OF INVENTION: Sequence-Determined DNA Fragments and Corresponding Polypeptides
; FILE REFERENCE: 2750-1592PUS2
; CURRENT APPLICATION NUMBER: US/11/096,568A
; CURRENT FILING DATE: 2005-04-01
; NUMBER OF SEQ ID NOS: 34471
; SEQ ID NO 29271
; LENGTH: 3588
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(3588)
; OTHER INFORMATION: Ceres Seq. ID no. 4805151
US-11-096-568A-29271

Query Match          74.4%; Score 18.6; DB 11; Length 3588;
Best Local Similarity 84.0%; Pred. No. 83;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGCGAGGTT 25
Db 3229 CCACGAGTCTCCAGGAGGCGAGGTT 3253

RESULT 4
US-09-925-065A-544975/c
; Sequence 544975, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
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; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 544975
; LENGTH: 535
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-544975

Query Match          72.8%; Score 18.2; DB 6; Length 535;
Best Local Similarity 87.0%; Pred. No. 1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGCGAGAG 23
Db 185 CCAGCACCTCCACGAAAGCTGAG 163

RESULT 5
US-09-925-065A-320867
; Sequence 320867, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 320867
; LENGTH: 563
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-320867

Query Match          72.8%; Score 18.2; DB 6; Length 563;
Best Local Similarity 87.0%; Pred. No. 1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCAGGAGGCGAGAG 23
Db 276 CCACAATCTCCATGAAGGCGAGAG 298

RESULT 6
US-09-925-065A-50597
; Sequence 50597, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
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; PRIOR APPLICATION NUMBER: US 60/252,147  
 ; PRIOR FILING DATE: 2000-11-20  
 ; PRIOR APPLICATION NUMBER: US 60/250,092  
 ; PRIOR FILING DATE: 2000-11-30  
 ; PRIOR APPLICATION NUMBER: US 60/261,766  
 ; PRIOR FILING DATE: 2001-01-16  
 ; PRIOR APPLICATION NUMBER: US 60/289,846  
 ; PRIOR FILING DATE: 2001-05-09  
 ; NUMBER OF SEQ ID NOS: 957086  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 50597  
 ; LENGTH: 564  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-925-065A-50597

Query Match 72.8%; Score 18.2; DB 6; Length 564;  
 Best Local Similarity 87.0%; Pred. No. 1e+02;  
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAG 23  
 ||| ||||| ||||| ||||| |||||  
 Db 10 CCACAATCTCCATGAAGGCAGAG 32

RESULT 7  
 US-10-301-480-151835  
 ; Sequence 151835, Application US/10301480  
 ; Publication No. US20060057564A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms  
 ; FILE REFERENCE: 108827.137  
 ; CURRENT APPLICATION NUMBER: US/10/301,480  
 ; PRIOR FILING DATE: 2002-11-21  
 ; PRIOR APPLICATION NUMBER: US 10/215,598  
 ; PRIOR FILING DATE: 2002-08-09  
 ; PRIOR APPLICATION NUMBER: US 60/311,695  
 ; PRIOR FILING DATE: 2001-08-10  
 ; NUMBER OF SEQ ID NOS: 1226818  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 151835  
 ; LENGTH: 564  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-301-480-151835

Query Match 72.8%; Score 18.2; DB 9; Length 564;  
 Best Local Similarity 87.0%; Pred. No. 1e+02;  
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAG 23  
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 Db 10 CCACAATCTCCATGAAGGCAGAG 32

RESULT 8  
 US-10-301-480-765244  
 ; Sequence 765244, Application US/10301480  
 ; Publication No. US20060057564A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms  
 ; FILE REFERENCE: 108827.137  
 ; CURRENT APPLICATION NUMBER: US/10/301,480  
 ; PRIOR FILING DATE: 2002-11-21  
 ; PRIOR APPLICATION NUMBER: US 10/215,598  
 ; PRIOR FILING DATE: 2002-08-09  
 ; PRIOR APPLICATION NUMBER: US 60/311,695  
 ; PRIOR FILING DATE: 2001-08-10  
 ; NUMBER OF SEQ ID NOS: 1226818

; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 765244  
 ; LENGTH: 564  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapien  
 US-10-301-480-765244

Query Match 72.8%; Score 18.2; DB 10; Length 564;  
 Best Local Similarity 87.0%; Pred. No. 1e+02;  
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAG 23  
 ||| ||||| ||||| ||||| |||||  
 Db 10 CCACAATCTCCATGAAGGCAGAG 32

RESULT 9  
 US-10-301-480-395548  
 ; Sequence 395548, Application US/10301480  
 ; Publication No. US20060057564A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms  
 ; FILE REFERENCE: 108827.137  
 ; CURRENT APPLICATION NUMBER: US/10/301,480  
 ; PRIOR FILING DATE: 2002-11-21  
 ; PRIOR APPLICATION NUMBER: US 10/215,598  
 ; PRIOR FILING DATE: 2002-08-09  
 ; PRIOR APPLICATION NUMBER: US 60/311,695  
 ; PRIOR FILING DATE: 2001-08-10  
 ; NUMBER OF SEQ ID NOS: 1226818  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 395548  
 ; LENGTH: 593  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapien  
 US-10-301-480-395548

Query Match 72.8%; Score 18.2; DB 10; Length 593;  
 Best Local Similarity 87.0%; Pred. No. 1e+02;  
 Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAAGGCAGAG 23  
 ||| ||||| ||||| ||||| |||||  
 Db 306 CCACAATCTCCATGAAGGCAGAG 328

RESULT 10  
 US-10-301-480-1008957  
 ; Sequence 1008957, Application US/10301480  
 ; Publication No. US20060057564A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Wang, David G.  
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms  
 ; FILE REFERENCE: 108827.137  
 ; CURRENT APPLICATION NUMBER: US/10/301,480  
 ; PRIOR FILING DATE: 2002-11-21  
 ; PRIOR APPLICATION NUMBER: US 10/215,598  
 ; PRIOR FILING DATE: 2002-08-09  
 ; PRIOR APPLICATION NUMBER: US 60/311,695  
 ; PRIOR FILING DATE: 2001-08-10  
 ; NUMBER OF SEQ ID NOS: 1226818  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 1008957  
 ; LENGTH: 593  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapien  
 US-10-301-480-1008957

Query Match 72.8%; Score 18.2; DB 10; Length 593;  
 Best Local Similarity 87.0%; Pred. No. 1e+02;

Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1 CCAGCATCTCCACGAAGGCAGAG 23  
Db 306 CCACAATCTCCATGAAGGCAGAG 328  
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RESULT 11  
US-11-128-061-655/c  
; Sequence 655, Application US/11128061  
; Publication No. US20060003958A1  
; GENERAL INFORMATION:  
; APPLICANT: Melville, Mark W.  
; APPLICANT: Charlebois, Timothy S.  
; APPLICANT: Mounts, William M.  
; APPLICANT: Hann, Louane E.  
; APPLICANT: Sinacore, Martin S.  
; APPLICANT: Leonard, Mark W.  
; APPLICANT: Miller, Christopher P.  
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS  
; FILE REFERENCE: 01997.027701  
; CURRENT FILING DATE: 2005-05-11  
; PRIOR APPLICATION NUMBER: US/11/128,061  
; PRIOR FILING DATE: 2004-05-11  
; NUMBER OF SEQ ID NOS: 7285  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 655  
; LENGTH: 1902  
; TYPE: DNA  
; ORGANISM: Cricetulus griseus  
US-11-128-061-655

Query Match 72.8%; Score 18.2; DB 14; Length 1902;  
Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1 CCAGCATCTCCACGAAGGCAGAG 23  
Db 214 CCAGCACCTCTACGAAGGCAGAG 192  
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RESULT 12  
US-11-128-049-655/c  
; Sequence 655, Application US/11128049  
; Publication No. US20060010513A1  
; GENERAL INFORMATION:  
; APPLICANT: Melville, Mark W.  
; APPLICANT: Mounts, William M.  
; APPLICANT: Hann, Louane E.  
; APPLICANT: Sinacore, Martin S.  
; APPLICANT: Leonard, Mark W.  
; APPLICANT: Brown, Eugene L.  
; APPLICANT: Miller, Christopher P.  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR  
; FILE REFERENCE: 01997.027700  
; CURRENT FILING DATE: 2005-05-11  
; PRIOR APPLICATION NUMBER: US/11/128,049  
; PRIOR FILING DATE: 2004-05-11  
; NUMBER OF SEQ ID NOS: 7285  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 655  
; LENGTH: 1902  
; TYPE: DNA  
; ORGANISM: Cricetulus griseus  
US-11-128-049-655  
Query Match 72.8%; Score 18.2; DB 14; Length 1902;

Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1 CCAGCATCTCCACGAAGGCAGAG 23  
Db 214 CCAGCACCTCTACGAAGGCAGAG 192  
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RESULT 13  
US-11-000-688-644/c  
; Sequence 644, Application US/11000688  
; Publication No. US20050287544A1  
; GENERAL INFORMATION:  
; APPLICANT: BERTUCCI, Francois  
; APPLICANT: HOULGATTE, Remi  
; APPLICANT: BIRNBAUM, Daniel  
; TITLE OF INVENTION: GENE EXPRESSION PROFILING OF COLON CANCER WITH DNA ARRAYS  
; FILE REFERENCE: 1423-R-03  
; CURRENT APPLICATION NUMBER: US/11/000,688  
; CURRENT FILING DATE: 2004-12-01  
; PRIOR APPLICATION NUMBER: US 60/525,987  
; PRIOR FILING DATE: 2003-12-01  
; NUMBER OF SEQ ID NOS: 1596  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 644  
; LENGTH: 2083  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial sequences: primer  
; NAME/KEY: misc feature  
; LOCATION: (1)..(2083)  
; OTHER INFORMATION: x-ray repair complementing defective repair  
; OTHER INFORMATION: in chinese hamster cells 1(XRCCI) gene.  
US-11-000-688-644

Query Match 72.8%; Score 18.2; DB 14; Length 2083;  
Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1 CCAGCATCTCCACGAAGGCAGAG 23  
Db 319 CCAGCACCTCTACGAAGGTGAG 297  
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RESULT 14  
US-09-925-065A-701379  
; Sequence 701379, Application US/09925065A  
; Publication No. US20040181048A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single  
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome  
; FILE REFERENCE: 108827.135  
; CURRENT APPLICATION NUMBER: US/09/925,065A  
; CURRENT FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: US 60/243,096  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 60/252,147  
; PRIOR FILING DATE: 2000-11-20  
; PRIOR APPLICATION NUMBER: US 60/250,092  
; PRIOR FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 60/261,766  
; PRIOR FILING DATE: 2001-01-16  
; PRIOR APPLICATION NUMBER: US 60/289,846  
; PRIOR FILING DATE: 2001-05-09  
; NUMBER OF SEQ ID NOS: 957086  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 701379  
; LENGTH: 2164  
; TYPE: DNA  
; ORGANISM: Homo sapiens

US-09-925-065A-701379

Query Match 72.8%; Score 18.2; DB 6; Length 2164;  
Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAGGCGAG 23  
Db 10 CCACATCTCCATGAAGGCGAG 32

RESULT 15

US-10-501-035-145/c  
; Sequence 145, Application US/10501035  
; Publication No. US20060046249A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: IDENTIFICATION OF POLYNUCLEOTIDES AND POLYPEPTIDE FOR PREDICTING  
; TITLE OF INVENTION: ACTIVITY OF COMPOUNDS THAT INTERACT WITH PROTEIN TYROSINE KINASE  
; TITLE OF INVENTION: AND/OR PROTEIN TYROSINE KINASE PATHWAYS  
; FILE REFERENCE: D0185 PCT  
; CURRENT APPLICATION NUMBER: US/10/501,035  
; PRIOR FILING DATE: 2004-07-09  
; PRIOR APPLICATION NUMBER: US 60/350,061  
; PRIOR FILING DATE: 2002-01-18  
; NUMBER OF SEQ ID NOS: 795  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 145  
; LENGTH: 2797  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-501-035-145

Query Match 72.8%; Score 18.2; DB 9; Length 2797;  
Best Local Similarity 87.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCAGCATCTCCACGAGGCGAG 23  
Db 762 CCAGCACCTCCACGAAAGCTGAG 740

Search completed: April 2, 2006, 01:44:34  
Job time : 515.506 secs

**This Page Blank (uspto)**

GenCore version 5.1.7  
Copyright (C) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: April 1, 2006, 18:15:44 ; Search time 78.483 Seconds  
(without alignments)  
566.476 Million cell updates/sec

Title: US-10-007-255-12

Perfect score: 25

Sequence: 1 agcttcccaaccgctgtaataccta 25

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents NA.\*  
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2: /cgn2\_6/ptodata/1/ina/5 COMB.seq.\*  
3: /cgn2\_6/ptodata/1/ina/6A COMB.seq.\*  
4: /cgn2\_6/ptodata/1/ina/6B COMB.seq.\*  
5: /cgn2\_6/ptodata/1/ina/H COMB.seq.\*  
6: /cgn2\_6/ptodata/1/ina/PCUTUS COMB.seq.\*  
7: /cgn2\_6/ptodata/1/ina/PP COMB.seq.\*  
8: /cgn2\_6/ptodata/1/ina/RB COMB.seq.\*  
9: /cgn2\_6/ptodata/1/ina/backfiles1.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	25	100.0	807	9	5206352-1
C 2	25	100.0	3852	3	US-10-101-433A-1
C 3	25	100.0	3860	3	US-09-584-586-1
C 4	25	100.0	3860	3	US-09-584-586-3
C 5	25	100.0	3988	3	US-09-762-195-1
C 6	25	100.0	4186	3	US-09-672-810-1
C 7	25	100.0	4195	3	US-09-672-810-3
C 8	25	100.0	4264	2	US-08-784-649A-5
C 9	25	100.0	4264	2	US-08-784-649A-1
C 10	25	100.0	4646	2	US-08-181-471-2
C 11	25	100.0	4646	3	US-09-023-655-1167
C 12	25	100.0	4669	2	US-08-583-276-18
C 13	25	100.0	4669	2	US-08-752-447-1
C 14	25	100.0	4669	3	US-09-316-167-1
C 15	25	100.0	4669	3	US-09-397-233-1
C 16	25	100.0	4669	9	5206352-3
C 17	25	100.0	5005	2	US-08-793-610-5
C 18	25	100.0	8630	3	US-09-306-417-1
C 19	25	100.0	8630	3	US-09-306-417-2
C 20	25	100.0	9318	2	US-08-793-610-6
C 21	21.8	87.2	4189	3	US-09-584-586-5
C 22	21.8	87.2	4233	3	US-09-120-513-1
C 23	21.8	87.2	4233	3	US-09-450-105-1
C 24	21.8	87.2	4279	3	US-09-672-725C-1

RESULT 1  
5206352-1/c  
; Patent No. 5206352  
; APPLICANT: Robinson, Igor B.; Pastan Ira H.; Gottesman, Michael M.  
; TITLE OF INVENTION: COMPOSITIONS FOR CLONES CONTAINING DNA  
; SEQUENCES ASSOCIATED WITH MULTIDRUG RESISTANCE IN HUMAN CELLS  
; NUMBER OF SEQUENCES: 4  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/622,836  
; FILING DATE: 24-SEP-1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 892,575  
; FILING DATE: 01-AUG-1986  
; APPLICATION NUMBER: 845,610  
; FILING DATE: 28-MAR-1986  
; SEQ ID NO:1:  
; LENGTH: 807  
5206352-1

Query Match 100.0%; Score 25; DB 9; Length 807;  
Best Local Similarity 100.0%; Pred. No. 0.0079;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCCAACCCAGTGTAAATCCTA 25  
Db 763 AGCTTCCCAACCCAGTGTAAATCCTA 739

RESULT 2  
US-10-101-433A-1/c  
; Sequence 1, Application US/10101433A  
; Patent No. 6855812  
; GENERAL INFORMATION:  
; APPLICANT: Hanscom, Sara  
; APPLICANT: Crespi, Charles  
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF  
; FILE REFERENCE: G00307/70019  
; CURRENT APPLICATION NUMBER: US/10/101,433A  
; CURRENT FILING DATE: 2002-03-19  
; PRIOR APPLICATION NUMBER: US 60/277,095  
; PRIOR FILING DATE: 2001-03-19  
; NUMBER OF SEQ ID NOS: 38  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1  
; LENGTH: 3852  
; TYPE: DNA

C 25 21.8 87.2 4279 3 US-09-672-725C-22 Sequence 22, Appl  
C 26 21.8 87.2 4279 3 US-09-672-725C-24 Sequence 24, Appl  
C 27 21.8 87.2 4279 3 US-09-672-725C-26 Sequence 26, Appl  
C 28 21.8 87.2 4788 3 US-09-584-586-7 Sequence 7, Appl  
C 29 20.2 80.8 4317 3 US-09-672-725C-3 Sequence 3, Appl  
C 30 20.2 80.8 4317 3 US-10-044-671-1 Sequence 1, Appl  
C 31 17 68.0 510 3 US-09-621-976-17209 Sequence 17209, A  
C 32 16.6 66.4 601 3 US-09-949-016-71318 Sequence 71318, A  
C 33 16.6 66.4 601 3 US-09-949-016-86805 Sequence 86805, A  
C 34 16.6 66.4 601 3 US-09-949-016-179555 Sequence 179555,  
C 35 16.6 66.4 1572 3 US-09-949-016-179556 Sequence 179556,  
C 36 16.6 66.4 1572 3 US-09-620-312D-664 Sequence 664, App  
C 37 16.6 66.4 28823 3 US-09-949-016-12437 Sequence 12437, A  
C 38 16.6 66.4 28823 3 US-09-949-016-15879 Sequence 15879, A  
C 39 16.6 66.4 57914 3 US-09-949-016-11935 Sequence 11935, A  
C 40 16.6 66.4 57936 3 US-09-949-016-16921 Sequence 16921, A  
C 41 16.6 66.4 128723 3 US-09-949-016-17533 Sequence 17533, A  
C 42 16.6 66.4 152132 3 US-09-949-016-13845 Sequence 13845, A  
C 43 16.6 66.4 152145 3 US-09-949-016-12371 Sequence 12371, A  
C 44 16.6 66.4 247781 3 US-09-949-016-14193 Sequence 14193, A  
C 45 16.4 65.6 694 3 US-09-270-767-2120 Sequence 2120, Ap

#### ALIGNMENTS

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; ORGANISM: Macaca mulatta
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(3852)
US-10-101-433A-1

Query Match      100.0%; Score 25; DB 3; Length 3852;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCAACGCTGTAATCCTA 25
Db 650 AGCTTCCAACCAACGCTGTAATCCTA 626

RESULT 3
US-09-584-586-1/c
; Sequence 1, Application US/09584586
; Patent No. 6933150
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Bunting, Kevin
; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANS-DUCED WITH
; FILE REFERENCE: 1340-1-021CIP
; CURRENT APPLICATION NUMBER: US/09/584,586
; PRIOR FILING DATE: 2000-05-31
; EARLIER APPLICATION NUMBER: US 60/086,988
; EARLIER FILING DATE: 1998-05-28
; EARLIER APPLICATION NUMBER: PCT/US99/11825
; EARLIER FILING DATE: 1999-05-27
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Human MDR 185-G
US-09-584-586-1

Query Match      100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCAACGCTGTAATCCTA 25
Db 641 AGCTTCCAACCAACGCTGTAATCCTA 617

RESULT 4
US-09-584-586-3/c
; Sequence 3, Application US/09584586
; Patent No. 6933150
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Bunting, Kevin
; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANS-DUCED WITH
; FILE REFERENCE: 1340-1-021CIP
; CURRENT APPLICATION NUMBER: US/09/584,586
; PRIOR FILING DATE: 2000-05-31
; EARLIER APPLICATION NUMBER: US 60/086,988
; EARLIER FILING DATE: 1998-05-28
; EARLIER APPLICATION NUMBER: PCT/US99/11825
; EARLIER FILING DATE: 1999-05-27
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (100)...(3940)
US-09-672-810-1

; OTHER INFORMATION: Human MDR 185-V
US-09-584-586-3

Query Match      100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCAACGCTGTAATCCTA 25
Db 641 AGCTTCCAACCAACGCTGTAATCCTA 617

RESULT 5
US-09-762-195-1/c
; Sequence 1, Application US/09762195
; Patent No. 6677319
; GENERAL INFORMATION:
; APPLICANT: Stremmel, Wolfgang
; TITLE OF INVENTION: Phosphatidylcholine as Medication with
; FILE REFERENCE: 34691/208520
; CURRENT APPLICATION NUMBER: US/09/762,195
; CURRENT FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: PCT/EP99/02426
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 198 35 526 2 DE
; PRIOR FILING DATE: 1998-08-06
; PRIOR APPLICATION NUMBER: 198 57 570.8 DE
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 3988
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Human MDR 185-1
US-09-762-195-1

Query Match      100.0%; Score 25; DB 3; Length 3988;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCAACGCTGTAATCCTA 25
Db 710 AGCTTCCAACCAACGCTGTAATCCTA 686

RESULT 6
US-09-672-810-1/c
; Sequence 1, Application US/09672810
; Patent No. 6617450
; GENERAL INFORMATION:
; APPLICANT: STOCKER, PENNY J.
; APPLICANT: STEIMEL-CRESPI, DOROTHY T.
; APPLICANT: CRESPI, CHARLES L.
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G0307/7018
; CURRENT APPLICATION NUMBER: US/09/672,810
; CURRENT FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US 60/156,921
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/158,818
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 4186
; TYPE: DNA
; ORGANISM: Macaca fascicularis
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (100)...(3940)
US-09-672-810-1
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Query Match 100.0%; Score 25; DB 3; Length 4186;  
Best Local Similarity 100.0%; Pred. No. 0.01;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCCAACACGCTGTAATCCTA 25  
|||||  
Db 740 AGCTTCCCAACACGCTGTAATCCTA 716

RESULT 7  
US-09-672-810-3/c  
; Sequence 3, Application US/09672810  
; Patent No. 6617450  
; GENERAL INFORMATION:  
; APPLICANT: STOCKER, PENNY J.  
; APPLICANT: STEIMEL-CRESPI, DOROTHY T.  
; APPLICANT: CRESPI, CHARLES L.  
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF  
; FILE REFERENCE: G0307/7018  
; CURRENT APPLICATION NUMBER: US/09/672,810  
; CURRENT FILING DATE: 2000-09-28  
; PRIOR APPLICATION NUMBER: US 60/156,921  
; PRIOR FILING DATE: 1999-09-28  
; PRIOR APPLICATION NUMBER: US 60/158,818  
; PRIOR FILING DATE: 1999-10-12  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 3  
; LENGTH: 4195  
; TYPE: DNA  
; ORGANISM: Macaca fascicularis  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (100)...(3949)  
US-09-672-810-3

Query Match 100.0%; Score 25; DB 3; Length 4195;  
Best Local Similarity 100.0%; Pred. No. 0.01;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCCAACACGCTGTAATCCTA 25  
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Db 749 AGCTTCCCAACACGCTGTAATCCTA 725

RESULT 8  
US-08-784-649A-1/c  
; Sequence 1, Application US/08784649A  
; Patent No. 5830697  
; GENERAL INFORMATION:  
; APPLICANT: Sikic, Branimir I  
; APPLICANT: Chen, Gang  
; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO  
; TITLE OF INVENTION: CYCLOSPORIN MODULATION  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson  
; STREET: 2200 Sand Hill Road  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94025  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/784,649A  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sherwood, Pamela J

; REGISTRATION NUMBER: Reg.No. 5830697 36,677  
; REFERENCE/DOCKET NUMBER: 06037/007001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-322-5070  
; TELEFAX: 415-854-0875

; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 4264 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
US-08-784-649A-1

Query Match 100.0%; Score 25; DB 2; Length 4264;  
Best Local Similarity 100.0%; Pred. No. 0.01;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCCAACACGCTGTAATCCTA 25  
|||||  
Db 779 AGCTTCCCAACACGCTGTAATCCTA 755

RESULT 9  
US-08-784-649A-5/c  
; Sequence 5, Application US/08784649A  
; Patent No. 5830697  
; GENERAL INFORMATION:  
; APPLICANT: Sikic, Branimir I  
; APPLICANT: Chen, Gang  
; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO  
; TITLE OF INVENTION: CYCLOSPORIN MODULATION  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson  
; STREET: 2200 Sand Hill Road  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94025  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/784,649A  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sherwood, Pamela J  
; REGISTRATION NUMBER: Reg.No. 5830697 36,677  
; REFERENCE/DOCKET NUMBER: 06037/007001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-322-5070  
; TELEFAX: 415-854-0875  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 4264 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
US-08-784-649A-5

Query Match 100.0%; Score 25; DB 2; Length 4264;  
Best Local Similarity 100.0%; Pred. No. 0.01;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCCAACACGCTGTAATCCTA 25  
|||||  
Db 779 AGCTTCCCAACACGCTGTAATCCTA 755

RESULT 10  
US-08-181-471-2/c  
; Sequence 2, Application US/08181471  
; Patent No. 5641508  
; GENERAL INFORMATION:  
; APPLICANT: Li, Lingna  
; APPLICANT: Lishko, Valeryi K.  
; TITLE OF INVENTION: METHOD FOR DELIVERING BENEFICIAL  
; TITLE OF INVENTION: COMPOSITIONS TO HAIR FOLLICLES  
; NUMBER OF SEQUENCES: 3  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Thomas Fitting  
; STREET: 12526 High Bluff Drive, Suite 300  
; CITY: San Diego  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92130  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/181,471  
; FILING DATE: 13-JAN-1994  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/041,553  
; FILING DATE: 02-APR-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fitting, Thomas  
; REGISTRATION NUMBER: 34,163  
; REFERENCE/DOCKET NUMBER: ANT0029P  
; TELEPHONE: 619-792-3680  
; TELEFAX: 619-792-8477  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 4646 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 425..4267  
US-08-181-471-2

Query Match 100.0%; Score 25; DB 2; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.01;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCACCAACGCTGTAATCCTA 25  
Db 1065 AGCTTCCACCAACGCTGTAATCCTA 1041

RESULT 11  
US-09-023-655-1167/c  
; Sequence 1167, Application US/09023655  
; Patent No. 6607879  
; GENERAL INFORMATION:  
; APPLICANT: Cocks, Benjamin G.  
; APPLICANT: Susan G. Stuart  
; APPLICANT: Jeffrey J. Seilhamer  
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 1508  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

; STREET: 3174 PORTER DRIVE  
; CITY: PALO ALTO  
; STATE: CALIFORNIA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/023,655  
; FILING DATE: HEREWITH  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Zeller, Karen J.  
; REGISTRATION NUMBER: 37,071  
; REFERENCE/DOCKET NUMBER: PA-0001 US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (650) 855-0555  
; TELEFAX: (650) 845-4166  
; INFORMATION FOR SEQ ID NO: 1167:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 4646 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; IMMEDIATE SOURCE:  
; LIBRARY: GENBANK  
; CLONE: g187468  
US-09-023-655-1167

Query Match 100.0%; Score 25; DB 3; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.01;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCACCAACGCTGTAATCCTA 25  
Db 1065 AGCTTCCACCAACGCTGTAATCCTA 1041

RESULT 12  
US-08-583-276-18/c  
; Sequence 18, Application US/08583276  
; Patent No. 5837536  
; GENERAL INFORMATION:  
; APPLICANT: McDonagh, Kevin T.  
; APPLICANT: Nienhuis, Arthur  
; APPLICANT: Tolstoshev, Paul  
; TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN  
; TITLE OF INVENTION: MULTIDRUG RESISTANCE GENES AND IMPROVED  
; TITLE OF INVENTION: SELECTION OF CELLS TRANSFECTED WITH SUCH GENES  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,  
; ADDRESSEE: Cecchi & Stewart  
; STREET: 6 Becker Farm Road  
; CITY: Roseland  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07068  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch diskette  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: DW4.V2  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/583,276  
; FILING DATE: 05-JAN-1996

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; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; FILING DATE: 08/332,444
; FILING DATE: 31-OCT-1994
; APPLICATION NUMBER: 07/887,712
; FILING DATE: 22-MAY-1992
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4669 bases
; TYPE: nucleic acid
; STRANDEDNESS: singular
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; DESCRIPTION:
US-08-583-276-18

Query Match 100.0%; Score 25; DB 2; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCAACACCGTGTAATCCTA 25
Db 1065 AGCTTCCAACACCGTGTAATCCTA 1041

RESULT 13
US-08-752-447-1/c
; Sequence 1, Application US/08752447
; Patent No. 5994088
; GENERAL INFORMATION:
; APPLICANT: Mechetner, Eugene
; APPLICANT: Roninson, Igor B
; TITLE OF INVENTION: Methods and Reagents for Preparing and
; TITLE OF INVENTION: Using Immunoligal Agents Specific for P-glycoprotein
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff Ltd.
; STREET: 300 South Wacker Drive, Seventh Floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: US/08/752,447
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5994088nan, Kevin E
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 95,1121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-913-9808
; TELEFAX: 312-913-9808
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4669 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: singular
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: 1..424
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4264
; FEATURE:
; NAME/KEY: 3'UTR
; LOCATION: 4265..4669
; US-09-316-167-1
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; LOCATION: 4265..4669
US-08-752-447-1
Query Match 100.0%; Score 25; DB 2; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCAACACCGTGTAATCCTA 25
Db 1065 AGCTTCCAACACCGTGTAATCCTA 1041

RESULT 14
US-09-316-167-1/c
; Sequence 1, Application US/09316167
; Patent No. 6365357
; GENERAL INFORMATION:
; APPLICANT: Mechetner, Eugene
; APPLICANT: Roninson, Igor B
; TITLE OF INVENTION: Methods and Reagents for Preparing and
; TITLE OF INVENTION: Using Immunoligal Agents Specific for P-glycoprotein
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff Ltd.
; STREET: 300 South Wacker Drive, Seventh Floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: US/09/316,167
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/752,447
; FILING DATE: 15-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6365357nan, Kevin E
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 95,1121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-913-0001
; TELEFAX: 312-913-9808
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4669 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: singular
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: 1..424
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4264
; FEATURE:
; NAME/KEY: 3'UTR
; LOCATION: 4265..4669
; US-09-316-167-1

Query Match 100.0%; Score 25; DB 3; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.01;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCAACACCGTGTAATCCTA 25
Db 1065 AGCTTCCAACACCGTGTAATCCTA 1041
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RESULT 15  
US-09-397-233-1/c  
; Sequence 1, Application US/09397233  
; Patent No. 6630327  
; GENERAL INFORMATION:  
; APPLICANT: Mechtner, Eugene  
; ; Roninson, Igor B  
; TITLE OF INVENTION: Methods and Reagents for Preparing and  
; ; Using Immunological Agents Specific for P-glycoprotein  
; NUMBER OF SEQUENCES: 2  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60606  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/397,233  
; FILING DATE: 16-Sep-1999  
; CLASSIFICATION: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: No. 6630327nan, Kevin E  
; REGISTRATION NUMBER: 35,303  
; REFERENCE/DOCKET NUMBER: 95,1121-C  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 312-913-0001  
; TELEFAX: 312-913-0002  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 4669 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; FEATURE:  
; NAME/KEY: 5'UTR  
; LOCATION: 1..424  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 425..4264  
; FEATURE:  
; NAME/KEY: 3'UTR  
; LOCATION: 4265..4669  
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-09-397-233-1  
  
Query Match 100.0%; Score 25; DB 3; Length 4669;  
Best Local Similarity 100.0%; Pred. No. 0.01; Mismatches 0; Indels 0; Gaps 0;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 AGCTTCCAAACCGTGTAAATCCTA 25  
|||||  
Db 1065 AGCTTCCAAACCGTGTAAATCCTA 1041  
  
Search completed: April 1, 2006, 18:30:41  
Job time : 79.4483 secs

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RESULT 2
US-10-007-255-29/c
; Sequence 29, Application US/10007255
; Publication No. US2005020306A1
; GENERAL INFORMATION:
; APPLICANT: Colgan, Sean
; TITLE OF INVENTION: Compositions and Methods
; FILE REFERENCE: B08017233 (BRP)
; CURRENT APPLICATION NUMBER: US/10/007,255
; CURRENT FILING DATE: 2001-10-25
; EARLIER APPLICATION NUMBER: US 60/243,542
; EARLIER FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 29
; LENGTH: 25
; TYPE: DNA

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; ORGANISM: homo sapiens
US-10-007-255-29

Query Match      100.0%; Score 25; DB 9; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.041;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCCAACCAACGCTGTAATCCTA 25
    |||||
Db 25 AGCTTCCCAACCAACGCTGTAATCCTA 1

RESULT 3
US-09-864-761-27462
; Sequence 27462, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aeonica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00677
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 27462
; LENGTH: 172
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC005068.1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.64
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.65
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.53

; ORGANISM: EXPRESSED IN ADULT LIVER, SIGNAL = 0.73
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.64
; OTHER INFORMATION: SWISSPROT HIT: P08183, EVALUATE 3.00e-27
; OTHER INFORMATION: NT HIT: AF016535.1, EVALUATE 2.00e-92
; OTHER INFORMATION: EST_HUMAN HIT: AW847648.1, EVALUATE 2.30e+00
US-09-864-761-27462

Query Match      100.0%; Score 25; DB 3; Length 172;
Best Local Similarity 100.0%; Pred. No. 0.058;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCCAACCAACGCTGTAATCCTA 25
    |||||
Db 62 AGCTTCCCAACCAACGCTGTAATCCTA 86

RESULT 4
US-10-101-510-284/c
; Sequence 284, Application US/10101510
; Publication No. US20030148295A1
; GENERAL INFORMATION:
; APPLICANT: WAN, JACKSON
; APPLICANT: WANG, YIXIN
; TITLE OF INVENTION: EXPRESSION PROFILES AND METHODS OF USE
; FILE REFERENCE: 15117.0012
; CURRENT APPLICATION NUMBER: US/10/101,510
; PRIOR FILING DATE: 2002-03-20
; PRIOR APPLICATION NUMBER: 60/276,947
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 805
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 284
; LENGTH: 209
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-101-510-284

Query Match      100.0%; Score 25; DB 6; Length 209;
Best Local Similarity 100.0%; Pred. No. 0.059;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCCAACCAACGCTGTAATCCTA 25
    |||||
Db 204 AGCTTCCCAACCAACGCTGTAATCCTA 180

RESULT 5
US-09-864-761-27770/c
; Sequence 27770, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aeonica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
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; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 09/608,408  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: US 09/774,203  
; PRIOR FILING DATE: 2001-01-29  
; NUMBER OF SEQ ID NOS: 49117  
; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1  
; SEQ ID NO 27770  
; LENGTH: 219  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: MAP TO AC002457.1  
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.42  
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.53  
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.57  
; OTHER INFORMATION: NT HIT: M29428.1, EVALUATE 1.00e-120  
; OTHER INFORMATION: SWISSPROT HIT: P08183, EVALUATE 2.00e-27  
US-09-864-761-27770

Query Match 100.0%; Score 25; DB 3; Length 219;  
Best Local Similarity 100.0%; Pred. No. 0.06;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCACCAACGCTGTAATCCTA 25  
|||||  
Db 143 AGCTTCCACCAACGCTGTAATCCTA 119

## RESULT 6

US-09-864-761-10820  
; Sequence 10820, Application US/09864761  
; Patent No. US20020048763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharon G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
; FILE REFERENCE: Aecomica-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00670  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 09/608,408  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: US 09/774,203  
; PRIOR FILING DATE: 2001-01-29  
; NUMBER OF SEQ ID NOS: 49117  
; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1  
; SEQ ID NO 10820  
; LENGTH: 463  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: MAP TO AC005068.1  
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.64  
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.65  
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.53  
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.73  
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.64  
US-09-864-761-10820

Query Match 100.0%; Score 25; DB 3; Length 463;  
Best Local Similarity 100.0%; Pred. No. 0.068;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCACCAACGCTGTAATCCTA 25  
|||||  
Db 340 AGCTTCCACCAACGCTGTAATCCTA 364

## RESULT 7

US-09-864-761-11142/c  
; Sequence 11142, Application US/09864761  
; Patent No. US20020048763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharon G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
; FILE REFERENCE: Aecomica-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 11142
; LENGTH: 473
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC002457.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.42
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.53
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.57
US-09-864-761-11142

Query Match 100.0%; Score 25; DB 3; Length 473;
Best Local Similarity 100.0%; Pred. No. 0.068;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACACGCTGTAATCCTA 25
Db 404 AGCTTCCAACACGCTGTAATCCTA 380
|||||

RESULT 8
US-09-925-065A-860769/c
; Sequence 860769, Application US/09925065A
; Publication No. US20050228172A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925, 065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 860769
; LENGTH: 620
; TYPE: DNA
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; ORGANISM: Homo sapiens
US-09-925-065A-860769

Query Match 100.0%; Score 25; DB 4; Length 620;
Best Local Similarity 100.0%; Pred. No. 0.072;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACACGCTGTAATCCTA 25
Db 78 AGCTTCCAACACGCTGTAATCCTA 54
|||||

RESULT 9
US-09-805-020-31/c
; Sequence 31, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 2307
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(2307)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-31

Query Match 100.0%; Score 25; DB 3; Length 2307;
Best Local Similarity 100.0%; Pred. No. 0.09;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACACGCTGTAATCCTA 25
Db 1065 AGCTTCCAACACGCTGTAATCCTA 1041
|||||

RESULT 10
US-10-794-514A-396/c
; Sequence 396, Application US/10794514A
; Publication No. US20050112134A1
; GENERAL INFORMATION:
; APPLICANT: Graddis, Thomas
; APPLICANT: Laus, Reiner
; APPLICANT: Diegel, Michael
; APPLICANT: Vigovic, Damir
; TITLE OF INVENTION: Compositions and Methods Employing Alternative
; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of
; TITLE OF INVENTION: Cancer and Infectious Disease
; FILE REFERENCE: 11311.1003U
; CURRENT APPLICATION NUMBER: US/10/794,514A
; CURRENT FILING DATE: 2004-03-05
; NUMBER OF SEQ ID NOS: 733
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 396
; LENGTH: 3153
; TYPE: DNA
; ORGANISM: Human
US-10-794-514A-396

Query Match 100.0%; Score 25; DB 9; Length 3153;
Best Local Similarity 100.0%; Pred. No. 0.095;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACACGCTGTAATCCTA 25
Db 510 AGCTTCCAACACGCTGTAATCCTA 486
|||||
```



RESULT 11  
US-10-384-339C-30/c  
; Sequence 30, Application US/10384339C  
; Publication No. US20040175703A1  
; GENERAL INFORMATION:  
; APPLICANT: Kreutzer, Roland  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF A TARGET GENE  
; FILE REFERENCE: 20200/2002  
; CURRENT APPLICATION NUMBER: US/10/384,339C  
; CURRENT FILING DATE: 2003-03-07  
; PRIOR APPLICATION NUMBER: PCT/EP02/00152  
; PRIOR FILING DATE: 2002-01-09  
; PRIOR APPLICATION NUMBER: DE 10100586.5  
; PRIOR FILING DATE: 2001-01-09  
; PRIOR APPLICATION NUMBER: DE 10155280.7  
; PRIOR FILING DATE: 2001-10-26  
; PRIOR APPLICATION NUMBER: DE 10158411.3  
; PRIOR FILING DATE: 2001-11-29  
; PRIOR APPLICATION NUMBER: DE 10160151.4  
; PRIOR FILING DATE: 2001-12-07  
; NUMBER OF SEQ ID NOS: 173  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 30  
; LENGTH: 3840  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; PUBLICATION INFORMATION:  
; TITLE: ndr-1  
; PATENT DOCUMENT NUMBER: AF016535  
US-10-384-339C-30

Query Match 100.0%; Score 25; DB 7; Length 3840;  
Best Local Similarity 100.0%; Pred. No. 0.098;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCAACCAACGCTGTAATCCTA 25  
|||||  
Db 641 AGCTTCCAACCAACGCTGTAATCCTA 617

RESULT 12  
US-10-101-433A-1/c  
; Sequence 1, Application US/10101433A  
; Publication No. US20030119726A1  
; GENERAL INFORMATION:  
; APPLICANT: Hanscom, Sara  
; APPLICANT: Crespi, Charles  
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF  
; FILE REFERENCE: G00307/70019  
; CURRENT APPLICATION NUMBER: US/10/101,433A  
; CURRENT FILING DATE: 2002-03-19  
; PRIOR APPLICATION NUMBER: US 60/277,095  
; PRIOR FILING DATE: 2001-03-19  
; NUMBER OF SEQ ID NOS: 38  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1  
; LENGTH: 3852  
; TYPE: DNA  
; ORGANISM: Macaca mulatta  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)..(3852)  
US-10-101-433A-1

Query Match 100.0%; Score 25; DB 6; Length 3852;  
Best Local Similarity 100.0%; Pred. No. 0.098;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCAACCAACGCTGTAATCCTA 25  
|||||  
Db 650 AGCTTCCAACCAACGCTGTAATCCTA 626

RESULT 13  
US-09-866-866A-1/c  
; Sequence 1, Application US/09866866A  
; Patent No. US20020102244A1  
; GENERAL INFORMATION:  
; APPLICANT: Sorrentino, Brian  
; APPLICANT: Schuetz, John  
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells  
; FILE REFERENCE: 1340-1-021CIP2  
; CURRENT APPLICATION NUMBER: US/09/866,866A  
; CURRENT FILING DATE: 2001-08-30  
; PRIOR APPLICATION NUMBER: 09/584,586  
; PRIOR FILING DATE: 2000-05-31  
; PRIOR APPLICATION NUMBER: PCT/US99/11825  
; PRIOR FILING DATE: 1999-05-27  
; PRIOR APPLICATION NUMBER: 60/086,988  
; PRIOR FILING DATE: 1998-05-28  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1  
; LENGTH: 3860  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-866A-1

Query Match 100.0%; Score 25; DB 3; Length 3860;  
Best Local Similarity 100.0%; Pred. No. 0.098;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCAACCAACGCTGTAATCCTA 25  
|||||  
Db 641 AGCTTCCAACCAACGCTGTAATCCTA 617

RESULT 14  
US-09-866-866A-3/c  
; Sequence 3, Application US/09866866A  
; Patent No. US20020102244A1  
; GENERAL INFORMATION:  
; APPLICANT: Sorrentino, Brian  
; APPLICANT: Schuetz, John  
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells  
; FILE REFERENCE: 1340-1-021CIP2  
; CURRENT APPLICATION NUMBER: US/09/866,866A  
; CURRENT FILING DATE: 2001-08-30  
; PRIOR APPLICATION NUMBER: 09/584,586  
; PRIOR FILING DATE: 2000-05-31  
; PRIOR APPLICATION NUMBER: PCT/US99/11825  
; PRIOR FILING DATE: 1999-05-27  
; PRIOR APPLICATION NUMBER: 60/086,988  
; PRIOR FILING DATE: 1998-05-28  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3  
; LENGTH: 3860  
; TYPE: DNA  
; ORGANISM: homo sapiens  
US-09-866-866A-3

Query Match 100.0%; Score 25; DB 3; Length 3860;  
Best Local Similarity 100.0%; Pred. No. 0.098;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGCTTCCAACCAACGCTGTAATCCTA 25  
|||||  
Db 641 AGCTTCCAACCAACGCTGTAATCCTA 617

RESULT 15  
US-10-619-359A-1/c  
; Sequence 1, Application US/10619359A

```
; Publication No. US20040077000A1
; GENERAL INFORMATION:
; APPLICANT: STOCKER, PENNY J.
; APPLICANT: STEINMEL-CRESPI, DOROTHY T.
; APPLICANT: CRESPI, CHARLES L.
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G00307.70020.US
; CURRENT APPLICATION NUMBER: US/10/619,359A
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: US 60/156,921
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/158,818
; PRIOR FILING DATE: 1999-10-12
; PRIOR APPLICATION NUMBER: US 09/672,810
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 4186
; TYPE: DNA
; ORGANISM: Macaca fascicularis
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (100)...(3940)
US-10-619-359A-1

Query Match      100.0%; Score 25; DB 7; Length 4186;
Best Local Similarity 100.0%; Pred. No. 0.099;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 AGCTTCCAACCCAGCTGTAAATCCTA 25
Db      740 AGCTTCCAACCCAGCTGTAAATCCTA 716

Search completed: April 2, 2006, 11:52:24
Job time : 581.747 secs
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Result No.	Score	Query		Length	DB	ID	Description
		Match	Time				
C 1	25	100.0	620	6	US-09-925-065A-860769		Sequence 860769,
C 2	25	100.0	4192	7	US-10-782-413-53		Sequence 53, Appl
C 3	25	100.0	4192	9	US-10-826-585-36		Sequence 36, Appl
C 4	25	100.0	4646	8	US-10-775-169-198		Sequence 198, App
C 5	25	100.0	4646	14	US-11-045-578-5		Sequence 5, Appl
C 6	21.8	87.2	4282	14	US-11-128-061-452		Sequence 452, Appl
C 7	21.8	87.2	4282	14	US-11-128-049-452		Sequence 452, Appl
C 8	21.8	87.2	4437	14	US-11-136-537-3399		Sequence 3399, A
C 9	20.2	80.8	1056	8	US-10-750-185-30884		Sequence 30884, A
C 10	20.2	80.8	1056	8	US-10-750-623-30884		Sequence 30884, A
C 11	20.2	80.8	4305	14	US-11-128-061-465		Sequence 465, Appl
C 12	20.2	80.8	4305	14	US-11-128-049-465		Sequence 465, Appl
C 13	20.2	80.8	4305	14	US-11-136-537-698		Sequence 698, Appl
C 14	18.2	72.8	5123	14	US-11-136-537-698		Sequence 698, Appl
C 15	18.2	72.8	114854	9	US-10-330-773-850		Sequence 850, Appl
C 16	17.2	71.2	1993	6	US-09-925-065A-710692		Sequence 710692, A
C 17	17.2	68.8	3227	8	US-10-750-185-45490		Sequence 45490, A
C 18	17.2	68.8	3227	8	US-10-750-623-45490		Sequence 45490, A
C 19	17	68.0	200	14	US-11-098-686-757		Sequence 757, Appl

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; Publication No. US20060063157A9
; GENERAL INFORMATION:
; APPLICANT: Ortho-Clinical Diagnostics, Inc.
; APPLICANT: Wang, Yixin
; TITLE OF INVENTION: Colorectal Cancer Prognostics
; FILE REFERENCE: VDX-5002 CIP
; CURRENT APPLICATION NUMBER: US/10/782,413
; CURRENT FILING DATE: 2004-02-18
; PRIOR APPLICATION NUMBER: 10/651,237
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: human
; US-10-782-413-53

Query Match      100.0%; Score 25; DB 7; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCAACGCTGTAATCCTA 25
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Db 760 AGCTTCCAACCAACGCTGTAATCCTA 736

RESULT 3
US-10-826-585-36/c
; Sequence 36, Application US/10826585
; Publication No. US2006008087A1
; GENERAL INFORMATION:
; APPLICANT: Immunivest Corporation
; APPLICANT: O'Hara, Shawn Mark
; APPLICANT: Foulk, Brad
; APPLICANT: Zweitzig, Daniel
; TITLE OF INVENTION: Multiparameter analysis of comprehensive nucleic acids and
; FILE REFERENCE: IMMC 143 PCT/US
; CURRENT APPLICATION NUMBER: US/10/826,585
; CURRENT FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: 60/369945
; PRIOR FILING DATE: 2002-04-04
; PRIOR APPLICATION NUMBER: 60/330669
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US02/26867
; PRIOR FILING DATE: 2002-08-23
; NUMBER OF SEQ ID NOS: 131
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 36
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: Human
; US-10-826-585-36

Query Match      100.0%; Score 25; DB 9; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCAACGCTGTAATCCTA 25
   |||||
Db 760 AGCTTCCAACCAACGCTGTAATCCTA 736

RESULT 4
US-10-775-169-198/c
; Sequence 198, Application US/10775169
; Publication No. US20050287532A9
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dorner, Andrew
```

```
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 198
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-775-169-198

Query Match      100.0%; Score 25; DB 8; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCAACGCTGTAATCCTA 25
   |||||
Db 1065 AGCTTCCAACCAACGCTGTAATCCTA 1041

RESULT 5
US-11-045-578-5/c
; Sequence 5, Application US/11045578
; Publication No. US20060024685A1
; GENERAL INFORMATION:
; APPLICANT: HO, Rodney J.Y.
; APPLICANT: YANG, Ziping
; APPLICANT: SHEN, Danny D.
; APPLICANT: WU, Daniel
; TITLE OF INVENTION: NOVEL SEQUENCE VARIANTS OF MULTI-DRUG RESISTANCE GENES, MDR1 AND
; FILE REFERENCE: ASSESSMENT OF DRUG PENETRATION AND DISPOSITION
; CURRENT APPLICATION NUMBER: US/11/045,578
; CURRENT FILING DATE: 2005-01-26
; PRIOR APPLICATION NUMBER: US 60/539,362
; PRIOR FILING DATE: 2004-01-26
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: human MDR1
; US-11-045-578-5

Query Match      100.0%; Score 25; DB 14; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTTCCAACCAACGCTGTAATCCTA 25
   |||||
Db 1065 AGCTTCCAACCAACGCTGTAATCCTA 1041

RESULT 6
US-11-128-061-452/c
; Sequence 452, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
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;; CURRENT FILING DATE: 2005-05-11  
;; PRIOR APPLICATION NUMBER: US 60/570,425  
;; PRIOR FILING DATE: 2004-05-11  
;; NUMBER OF SEQ ID NOS: 7285  
;; SOFTWARE: PatentIn version 3.3  
;; SEQ ID NO 452  
;; LENGTH: 4282  
;; TYPE: DNA  
;; ORGANISM: Cricetulus griseus  
;; FEATURE:  
;; NAME/KEY: misc feature  
;; LOCATION: (82)..(102)  
;; OTHER INFORMATION: n is a, c, g, or t  
;; FEATURE:  
;; NAME/KEY: misc feature  
;; LOCATION: (762)..(778)  
;; OTHER INFORMATION: n is a, c, g, or t  
;; FEATURE:  
;; NAME/KEY: misc feature  
;; LOCATION: (1698)..(1756)  
;; OTHER INFORMATION: n is a, c, g, or t  
US-11-128-061-452

Query Match 87.2%; Score 21.8; DB 14; Length 4282;  
Best Local Similarity 92.0%; Pred. No. 0.66; Mismatches 2; Indels 0; Gaps 0;

Qy 1 AGCTTCCAACACCGTGTAATCCTA 25  
|||||  
Db 648 AGCTTCCAACACCTTATAATCCTA 624

## RESULT 7

US-11-128-049-452/c  
;; Sequence 452, Application US/11128049  
;; Publication No. US20060010513A1  
;; GENERAL INFORMATION:

;; APPLICANT: Melville, Mark W.  
;; APPLICANT: Charlebois, Timothy S.  
;; APPLICANT: Mounts, William M.  
;; APPLICANT: Hann, Louane E.  
;; APPLICANT: Sinacore, Martin S.  
;; APPLICANT: Leonard, Mark W.  
;; APPLICANT: Brown, Eugene L.  
;; APPLICANT: Miller, Christopher P.  
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR  
;; FILE REFERENCE: 01997.027700  
;; CURRENT APPLICATION NUMBER: US/11/128,049  
;; CURRENT FILING DATE: 2005-05-11  
;; PRIOR APPLICATION NUMBER: US 60/570,425  
;; PRIOR FILING DATE: 2004-05-11  
;; NUMBER OF SEQ ID NOS: 7285  
;; SOFTWARE: PatentIn version 3.3  
;; SEQ ID NO 452

;; LENGTH: 4282

;; TYPE: DNA

;; ORGANISM: Cricetulus griseus

;; FEATURE:

;; NAME/KEY: misc feature

;; LOCATION: (82)..(102)

;; OTHER INFORMATION: n is a, c, g, or t

;; FEATURE:

;; NAME/KEY: misc feature

;; LOCATION: (762)..(778)

;; OTHER INFORMATION: n is a, c, g, or t

;; FEATURE:

;; NAME/KEY: misc feature

;; LOCATION: (1698)..(1756)

;; OTHER INFORMATION: n is a, c, g, or t

US-11-128-049-452

Query Match 87.2%; Score 21.8; DB 14; Length 4282;

Best Local Similarity 92.0%; Pred. No. 0.66; Mismatches 2; Indels 0; Gaps 0;  
Matches 23; Conservative 0;

Qy 1 AGCTTCCAACACCGTGTAATCCTA 25  
|||||  
Db 648 AGCTTCCAACACCTTATAATCCTA 624

## RESULT 8

US-11-136-527-3399/c  
;; Sequence 3399, Application US/11136527  
;; Publication No. US20050287570A1  
;; GENERAL INFORMATION:

;; APPLICANT: Wyeth  
;; APPLICANT: Mounts, William M  
;; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes  
;; FILE REFERENCE: 031896-041000 (AM101086)  
;; CURRENT APPLICATION NUMBER: US/11/136,527  
;; CURRENT FILING DATE: 2005-05-25  
;; PRIOR APPLICATION NUMBER: US 60/574,294  
;; PRIOR FILING DATE: 2005-05-26  
;; NUMBER OF SEQ ID NOS: 362830  
;; SOFTWARE: PatentIn version 3.2  
;; SEQ ID NO 3399  
;; LENGTH: 4437  
;; TYPE: DNA  
;; ORGANISM: Rattus norvegicus  
US-11-136-527-3399

Query Match 87.2%; Score 21.8; DB 14; Length 4437;  
Best Local Similarity 92.0%; Pred. No. 0.66; Mismatches 2; Indels 0; Gaps 0;  
Matches 23; Conservative 0;

Qy 1 AGCTTCCAACACCGTGTAATCCTA 25  
|||||  
Db 740 AGCTTCCAACACCTTATAATCCTA 716

## RESULT 9

US-10-750-185-30884  
;; Sequence 30884, Application US/10750185  
;; Publication No. US20050260603A1  
;; GENERAL INFORMATION:

;; APPLICANT: MMI GENOMICS, INC.  
;; APPLICANT: DENISE, Sue K.  
;; APPLICANT: KER, Richard  
;; APPLICANT: ROSENFELD, David  
;; APPLICANT: HOLM, Tom  
;; APPLICANT: BATES, Stephen  
;; APPLICANT: FANTIN, Dennis  
;; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS  
;; FILE REFERENCE: MM1100-2  
;; CURRENT APPLICATION NUMBER: US/10/750,185  
;; CURRENT FILING DATE: 2003-12-31  
;; PRIOR APPLICATION NUMBER: US 60/437,482  
;; PRIOR FILING DATE: 2002-12-31  
;; NUMBER OF SEQ ID NOS: 64922  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 30884  
;; LENGTH: 1056  
;; TYPE: DNA  
;; ORGANISM: Bovine 19866881498876  
US-10-750-185-30884

Query Match 80.8%; Score 20.2; DB 8; Length 1056;  
Best Local Similarity 88.0%; Pred. No. 3.3; Mismatches 3; Indels 0; Gaps 0;  
Matches 22; Conservative 0;

Qy 1 AGCTTCCAACACCGTGTAATCCTA 25  
|||||  
Db 620 AGCTTCCAACCTTCTGTAAATCCTA 644

RESULT 10  
US-10-750-623-30884  
; Sequence 30884, Application US/10750623  
; Publication No. US20050287531A1  
; GENERAL INFORMATION:  
; APPLICANT: MMI GENOMICS, INC.  
; APPLICANT: DENISE, Sue K.  
; APPLICANT: KERR, Richard  
; APPLICANT: ROSENFELD, David  
; APPLICANT: HOLM, Tom  
; APPLICANT: BATES, Stephen  
; APPLICANT: FANTIN, Dennis  
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS  
; FILE REFERENCE: MM1100-1  
; CURRENT APPLICATION NUMBER: US/10/750,623  
; CURRENT FILING DATE: 2003-12-31  
; PRIOR APPLICATION NUMBER: US 60/437,482  
; PRIOR FILING DATE: 2002-12-31  
; NUMBER OF SEQ ID NOS: 64922  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 30884  
; LENGTH: 1056  
; TYPE: DNA  
; ORGANISM: Bovine 19866881498876  
US-10-750-623-30884  
  
Query Match 80.8%; Score 20.2; DB 8; Length 1056;  
Best Local Similarity 88.0%; Pred. No. 3.3;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 1 AGCTTCCAACACGCTGTAATCCTA 25  
|||||  
DB 620 AGCTTCAACCTCTGTAAATCCTA 644  
  
RESULT 11  
US-11-128-061-465/c  
; Sequence 465, Application US/11128061  
; Publication No. US20060003958A1  
; GENERAL INFORMATION:  
; APPLICANT: Melville, Mark W.  
; APPLICANT: Charlebois, Timothy S.  
; APPLICANT: Mounts, William M.  
; APPLICANT: Hann, Louane E.  
; APPLICANT: Sinacore, Martin S.  
; APPLICANT: Leonard, Mark W.  
; APPLICANT: Brown, Eugene L.  
; APPLICANT: Miller, Christopher P.  
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS  
; FILE REFERENCE: 01997.027701  
; CURRENT APPLICATION NUMBER: US/11/128,061  
; PRIOR FILING DATE: 2005-05-11  
; PRIOR APPLICATION NUMBER: US 60/570,425  
; PRIOR FILING DATE: 2004-05-11  
; NUMBER OF SEQ ID NOS: 7285  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 465  
; LENGTH: 4305  
; TYPE: DNA  
; ORGANISM: Cricetulus sp.  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (857)..(873)  
; OTHER INFORMATION: n is a, c, g, or t  
US-11-128-061-465  
  
Query Match 80.8%; Score 20.2; DB 14; Length 4305;  
Best Local Similarity 88.0%; Pred. No. 4.4;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 1 AGCTTCCAACACGCTGTAATCCTA 25  
|||||  
DB 908 AGCTTCCAGCCGCGAGTAATCCTA 884

Db 743 AGCTTCCAGCCTCGAGTAATCCTA 719  
  
RESULT 12  
US-11-128-049-465/c  
; Sequence 465, Application US/11128049  
; Publication No. US20060010513A1  
; GENERAL INFORMATION:  
; APPLICANT: Melville, Mark W.  
; APPLICANT: Charlebois, Timothy S.  
; APPLICANT: Mounts, William M.  
; APPLICANT: Hann, Louane E.  
; APPLICANT: Sinacore, Martin S.  
; APPLICANT: Leonard, Mark W.  
; APPLICANT: Brown, Eugene L.  
; APPLICANT: Miller, Christopher P.  
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR  
; FILE REFERENCE: 01997.027700  
; CURRENT APPLICATION NUMBER: US/11/128,049  
; CURRENT FILING DATE: 2005-05-11  
; PRIOR APPLICATION NUMBER: US 60/570,425  
; PRIOR FILING DATE: 2004-05-11  
; NUMBER OF SEQ ID NOS: 7285  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 465  
; LENGTH: 4305  
; TYPE: DNA  
; ORGANISM: Cricetulus sp.  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (857)..(873)  
; OTHER INFORMATION: n is a, c, g, or t  
US-11-128-049-465  
  
Query Match 80.8%; Score 20.2; DB 14; Length 4305;  
Best Local Similarity 88.0%; Pred. No. 4.4;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 1 AGCTTCCAACACGCTGTAATCCTA 25  
|||||  
DB 743 AGCTTCCAGCCTCGAGTAATCCTA 719  
  
RESULT 13  
US-11-136-527-698/c  
; Sequence 698, Application US/11136527  
; Publication No. US20050287570A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: Mounts, William M.  
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes  
; FILE REFERENCE: 031896-041000 (AM101086)  
; CURRENT APPLICATION NUMBER: US/11/136,527  
; CURRENT FILING DATE: 2005-05-25  
; PRIOR APPLICATION NUMBER: US 60/574,294  
; PRIOR FILING DATE: 2005-05-26  
; NUMBER OF SEQ ID NOS: 362830  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 698  
; LENGTH: 5133  
; TYPE: DNA  
; ORGANISM: Rattus norvegicus  
US-11-136-527-698  
  
Query Match 80.8%; Score 20.2; DB 14; Length 5133;  
Best Local Similarity 88.0%; Pred. No. 4.6;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 1 AGCTTCCAACACGCTGTAATCCTA 25  
|||||  
DB 908 AGCTTCCAGCCGCGAGTAATCCTA 884

RESULT 14

US-10-330-773-850/c  
; Sequence 850, Application US/10330773  
; Publication No. US20060040262A1  
; GENERAL INFORMATION:  
; APPLICANT: David W. Morris  
; APPLICANT: Marc Malandro  
; TITLE OF INVENTION: Novel Compositions and Methods in Cancer  
; FILE REFERENCE: 529452001300  
; CURRENT APPLICATION NUMBER: US/10/330,773  
; CURRENT FILING DATE: 2002-12-27  
; NUMBER OF SEQ ID NOS: 981  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 850  
; LENGTH: 114454  
; TYPE: DNA  
; ORGANISM: Mus musculus  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)...(114454)  
; OTHER INFORMATION: n = A,T,C or G  
US-10-330-773-850

Query Match 72.8%; Score 18.2; DB 9; Length 114454;  
Best Local Similarity 87.0%; Pred. No. 94;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 AGCTTCCAACACGCTGTAATCC 23  
DB 17139 AGCTTACAACCATCTGTAATCC 17117

RESULT 15

US-09-925-065A-710692  
; Sequence 710692, Application US/09925065A  
; Publication No. US20040181048A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single  
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome  
; FILE REFERENCE: 108827.135  
; CURRENT APPLICATION NUMBER: US/09/925,065A  
; CURRENT FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: US 60/243,096  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 60/252,147  
; PRIOR FILING DATE: 2000-11-20  
; PRIOR APPLICATION NUMBER: US 60/250,092  
; PRIOR FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 60/261,766  
; PRIOR FILING DATE: 2001-01-16  
; PRIOR APPLICATION NUMBER: US 60/289,846  
; PRIOR FILING DATE: 2001-05-09  
; NUMBER OF SEQ ID NOS: 957086  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 710692  
; LENGTH: 1993  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-925-065A-710692

Query Match 71.2%; Score 17.8; DB 6; Length 1993;  
Best Local Similarity 90.5%; Pred. No. 66;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 TCCAACACGCTGTAATCCCTA 25  
DB 1197 TCCAACACGCTGTAATCTA 1217

Search completed: April 2, 2006, 01:44:31  
Job time : 514.506 secs

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OM nucleic - nucleic search, using sw model

Run on: April 1, 2006, 18:15:44 ; Search time 78.4483 Seconds  
(without alignments)  
566.476 Million cell updates/sec

Title: US-10-007-255-13

Perfect score: 25  
Sequence: 1 gtgacattttcagcgccatagcgaa 25

Scoring table: IDENTIFY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

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2: /cgn2\_6/ptodata/1/ina/5 COMB.seq.\*  
3: /cgn2\_6/ptodata/1/ina/6A COMB.seq.\*  
4: /cgn2\_6/ptodata/1/ina/6B COMB.seq.\*  
5: /cgn2\_6/ptodata/1/ina/H COMB.seq.\*  
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7: /cgn2\_6/ptodata/1/ina/PP COMB.seq.\*  
8: /cgn2\_6/ptodata/1/ina/RE COMB.seq.\*  
9: /cgn2\_6/ptodata/1/ina/backfiles1.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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C 2	25	100.0	3860	3	US-09-584-586-3
C 3	25	100.0	3988	3	US-09-762-195-1
C 4	25	100.0	4264	2	US-08-784-649A-1
C 5	25	100.0	4264	2	US-08-784-649A-5
C 6	25	100.0	4646	3	US-08-181-471-2
C 7	25	100.0	4646	3	US-09-023-655-1167
C 8	25	100.0	4669	2	US-08-583-276-18
C 9	25	100.0	4669	2	US-08-752-447-1
C 10	25	100.0	4669	3	US-09-316-167-1
C 11	25	100.0	4669	3	US-09-397-233-1
C 12	25	100.0	4669	9	5206352-3
C 13	25	100.0	6505	2	US-08-793-610-5
C 14	25	100.0	8630	3	US-09-306-417-1
C 15	25	100.0	8630	3	US-09-306-417-2
C 16	25	100.0	9318	2	US-08-793-610-6
C 17	23.4	93.6	4279	3	US-09-672-725C-1
C 18	23.4	93.6	4279	3	US-09-672-725C-22
C 19	23.4	93.6	4279	3	US-09-672-725C-24
C 20	23.4	93.6	4279	3	US-09-672-725C-26
C 21	23.4	93.6	4317	3	US-09-672-725C-3
C 22	23.4	93.6	4317	3	US-10-044-671-1
C 23	21.8	87.2	30	6	PCT-US94-06284-8
C 24	21.8	87.2	31	2	US-08-227-370-3

C 25	21.8	87.2	31	6	PCT-US94-06284-3	Sequence 3, Appli
C 26	21.8	87.2	36	2	US-08-310-501-3	Sequence 3, Appli
C 27	21.8	87.2	3852	3	US-10-101-433A-1	Sequence 1, Appli
C 28	21.8	87.2	4186	3	US-09-672-810-1	Sequence 1, Appli
C 29	21.8	87.2	4189	3	US-09-584-586-5	Sequence 5, Appli
C 30	21.8	87.2	4195	3	US-09-672-810-3	Sequence 3, Appli
C 31	21.8	87.2	4233	3	US-09-120-513-1	Sequence 1, Appli
C 32	21.8	87.2	4233	3	US-09-450-105-1	Sequence 1, Appli
C 33	21.8	87.2	4788	3	US-09-584-586-7	Sequence 7, Appli
C 34	19	76.0	3321	3	US-09-640-173-175	Sequence 175, App
C 35	19	76.0	3321	3	US-09-713-550-175	Sequence 175, App
C 36	19	76.0	3321	3	US-08-825-234-175	Sequence 175, App
C 37	19	76.0	3321	3	US-09-970-966-175	Sequence 175, App
C 38	18.6	74.4	3924	3	US-09-023-655-1168	Sequence 1168, Ap
C 39	18.6	74.4	3924	3	US-09-762-195-2	Sequence 2, Appli
C 40	18.2	72.8	601	3	US-09-949-016-61079	Sequence 61079, A
C 41	18.2	72.8	723	3	US-09-820-003C-37	Sequence 37, Appl
C 42	18.2	72.8	723	3	US-09-016-434-1422	Sequence 1422, Ap
C 43	18.2	72.8	1255	3	US-09-949-016-1772	Sequence 1772, Ap
C 44	18.2	72.8	1405	3	US-09-820-003C-1	Sequence 1, Appli
C 45	18.2	72.8	1446	3	US-08-787-091-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1  
US-09-584-586-1/c  
; Sequence 1, Application US/09584586  
; Patent No. 6933150  
; GENERAL INFORMATION:  
; APPLICANT: Sorrentino, Brian  
; APPLICANT: Bunting, Kevin  
; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANSDUCED WITH  
; TITLE OF INVENTION: MDR-1 METHODS OF USE THEREOF  
; FILE REFERENCE: 1340-1-021CIP  
; CURRENT APPLICATION NUMBER: US/09/584,586  
; CURRENT FILING DATE: 2000-05-31  
; EARLIER APPLICATION NUMBER: US 60/086,988  
; EARLIER FILING DATE: 1998-05-28  
; EARLIER APPLICATION NUMBER: PCT/US99/11825  
; EARLIER FILING DATE: 1999-05-27  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 3860  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Human MDR 185-G  
US-09-584-586-1

Query Match 100.0%; Score 25; DB 3; Length 3860;  
Best Local Similarity 100.0%; Pred. No. 0.013;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 GTGACATTTTTCACGCGCCATAGCGAA 25  
Db 1487 GTGACATTTTTCACGCGCCATAGCGAA 1463

RESULT 2  
US-09-584-586-3/c  
; Sequence 3, Application US/09584586  
; Patent No. 6933150  
; GENERAL INFORMATION:  
; APPLICANT: Sorrentino, Brian  
; APPLICANT: Bunting, Kevin  
; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANSDUCED WITH  
; TITLE OF INVENTION: MDR-1 METHODS OF USE THEREOF  
; FILE REFERENCE: 1340-1-021CIP  
; CURRENT APPLICATION NUMBER: US/09/584,586  
; CURRENT FILING DATE: 2000-05-31

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; EARLIER APPLICATION NUMBER: US 60/086,988
; EARLIER FILING DATE: 1998-05-28
; EARLIER APPLICATION NUMBER: PCT/US99/11825
; EARLIER FILING DATE: 1999-05-27
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Human MDR 185-V
US-09-584-586-3

Query Match      100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
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Db      1487 GTGACATTTTCACGGCCATAGCGAA 1463

RESULT 3
US-09-762-195-1/c
; Sequence 1, Application US/09762195
; Patent No. 6677319
; GENERAL INFORMATION:
; APPLICANT: Stremmel, Wolfgang
; TITLE OF INVENTION: Phosphatidylcholine as Medication with
; FILE REFERENCE: 34691/208520
; CURRENT APPLICATION NUMBER: US/09/762,195
; CURRENT FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: PCT/EP99?02426
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 198 35 526 2 DB
; PRIOR FILING DATE: 1998-08-06
; PRIOR APPLICATION NUMBER: 198 57 570.8 DE
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 3988
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-762-195-1

Query Match      100.0%; Score 25; DB 3; Length 3988;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
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Db      1553 GTGACATTTTCACGGCCATAGCGAA 1529

RESULT 4
US-08-784-649A-1/c
; Sequence 1, Application US/08784649A
; Patent No. 5830697
; GENERAL INFORMATION:
; APPLICANT: Sikic, Branimir I
; APPLICANT: Chen, Gang
; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO
; TITLE OF INVENTION: CYCLOSPORIN MODULATION
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA

Query Match      100.0%; Score 25; DB 3; Length 3988;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
        ||||||||||||||||||||||||
Db      1553 GTGACATTTTCACGGCCATAGCGAA 1529
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; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/784,649A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: Reg.No. 5830697 36,677
; REFERENCE/DOCKET NUMBER: 06037/007001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4264 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-784-649A-1

Query Match      100.0%; Score 25; DB 2; Length 4264;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
        ||||||||||||||||||||||||
Db      1625 GTGACATTTTCACGGCCATAGCGAA 1601

RESULT 5
US-08-784-649A-5/c
; Sequence 5, Application US/08784649A
; Patent No. 5830697
; GENERAL INFORMATION:
; APPLICANT: Sikic, Branimir I
; APPLICANT: Chen, Gang
; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO
; TITLE OF INVENTION: CYCLOSPORIN MODULATION
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/784,649A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: Reg.No. 5830697 36,677
; REFERENCE/DOCKET NUMBER: 06037/007001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4264 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-784-649A-5

Query Match 100.0%; Score 25; DB 2; Length 4264;  
Best Local Similarity 100.0%; Pred. No. 0.013;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25  
Db 1625 GTGACATTTTCACGGCCATAGCGAA 1601

RESULT 6

US-08-181-471-2/c  
Sequence 2, Application US/08181471  
Patent No. 5641508

GENERAL INFORMATION:  
APPLICANT: Li, Lingna  
APPLICANT: Lishko, Valeryi K.  
TITLE OF INVENTION: METHOD FOR DELIVERING BENEFICIAL  
OPERATING SYSTEM: PC-DOS/MS-DOS  
COMPOSITIONS TO HAIR FOLLICLES  
NUMBER OF SEQUENCES: 3  
CURRENT APPLICATION DATA:  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Thomas Fitting  
STREET: 12526 High Bluff Drive, Suite 300  
CITY: San Diego  
STATE: CA  
COUNTRY: USA  
ZIP: 92130

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/181,471  
FILING DATE: 13-JAN-1994  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/041,553  
FILING DATE: 02-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: ANT0029P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-792-3680  
TELEFAX: 619-792-8477

INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4646 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 425..4267  
US-08-181-471-2

Query Match 100.0%; Score 25; DB 2; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25  
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

RESULT 7

US-08-181-471-2/c  
Sequence 18, Application US/08583276  
Patent No. 5837536

GENERAL INFORMATION:  
APPLICANT: McDonagh, Kevin T.  
APPLICANT: Nienhuis, Arthur  
APPLICANT: Tolstoshev, Paul  
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN  
MULTIDRUG RESISTANCE GENES AND IMPROVED  
SELECTION OF CELLS TRANSFECTED WITH SUCH GENES  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,  
Cecchi & Stewart  
STREET: 6 Becker Farm Road

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25  
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

Query Match 100.0%; Score 25; DB 3; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25  
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

RESULT 8

US-08-593-276-18/c  
Sequence 18, Application US/08583276  
Patent No. 5837536

GENERAL INFORMATION:  
APPLICANT: McDonagh, Kevin T.  
APPLICANT: Nienhuis, Arthur  
APPLICANT: Tolstoshev, Paul  
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN  
MULTIDRUG RESISTANCE GENES AND IMPROVED  
SELECTION OF CELLS TRANSFECTED WITH SUCH GENES  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,  
Cecchi & Stewart  
STREET: 6 Becker Farm Road

RESULT 9

US-08-593-276-18/c  
Sequence 18, Application US/08583276  
Patent No. 5837536

US-09-023-655-1167/c  
Sequence 1167, Application US/09023655  
Patent No. 6607879

GENERAL INFORMATION:  
APPLICANT: Cocks, Benjamin G.  
APPLICANT: Susan G. Stuart  
APPLICANT: Jeffrey J. Sellhamer  
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE  
EXPRESSION  
NUMBER OF SEQUENCES: 1508  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.  
STREET: 3174 PORTER DRIVE  
CITY: PALO ALTO  
STATE: CALIFORNIA  
COUNTRY: USA  
ZIP: 94304

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/023,655  
FILING DATE: HEREWITH  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Zeller, Karen J.  
REGISTRATION NUMBER: 37,071  
REFERENCE/DOCKET NUMBER: PA-0001 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 855-0555  
TELEFAX: (650) 845-4166  
INFORMATION FOR SEQ ID NO: 1167:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4646 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
LIBRARY: GENE BANK  
CLONE: g187468  
US-09-023-655-1167

Query Match 100.0%; Score 25; DB 3; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

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Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25  
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

Query Match 100.0%; Score 25; DB 3; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
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Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

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Best Local Similarity 100.0%; Pred. No. 0.014;  
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Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

Query Match 100.0%; Score 25; DB 3; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

Query Match 100.0%; Score 25; DB 3; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25  
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

Query Match 100.0%; Score 25; DB 3; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

Query Match 100.0%; Score 25; DB 3; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25  
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

Query Match 100.0%; Score 25; DB 3; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25  
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

Query Match 100.0%; Score 25; DB 3; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25  
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

Query Match 100.0%; Score 25; DB 3; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.014;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25  
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

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/ STATE: New Jersey
/ COUNTRY: USA
/ ZIP: 07068
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch diskette
/ COMPUTER: IBM PS/2
/ OPERATING SYSTEM: PC-DOS
/ SOFTWARE: DM4 V2
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/583,276
/ FILING DATE: 31-OCT-1994
/ FILING DATE: 05-JAN-1996
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/332,444
/ FILING DATE: 31-OCT-1994
/ APPLICATION NUMBER: 07/887,712
/ FILING DATE: 22-MAY-1992
/ INFORMATION FOR SEQ ID NO: 18:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 4669 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: singular
/ TOPOLOGY: linear
/ MOLECULE TYPE: Genomic DNA
/ DESCRIPTION:
US-08-583-276-18

Query Match 100.0%; Score 25; DB 2; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

RESULT 10
US-09-316-167-1/c
/ Sequence 1, Application US/09316167
/ Patent No. 6365357
/ GENERAL INFORMATION:
/ APPLICANT: Mechetner, Eugene
/ APPLICANT: Roninson, Igor B
/ TITLE OF INVENTION: Methods and Reagents for Preparing and
/ TITLE OF INVENTION: Using Immunoligal Agents Specific for P-glycoprotein
/ NUMBER OF SEQUENCES: 2
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff Ltd.
/ STREET: 300 South Wacker Drive, Seventh Floor
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/316.167
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/752,447
/ FILING DATE: 15-NOV-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: No. 6365357nan, Kevin E
/ REGISTRATION NUMBER: 35,303
/ REFERENCE/DOCKET NUMBER: 95,1121
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 312-913-0001
/ TELEFAX: 312-913-9808
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 4669 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ FEATURE:
/ NAME/KEY: 5'UTR
/ LOCATION: 1..424
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 425..4264

Query Match 100.0%; Score 25; DB 2; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

RESULT 10
US-09-316-167-1/c
/ Sequence 1, Application US/09316167
/ Patent No. 6365357
/ GENERAL INFORMATION:
/ APPLICANT: Mechetner, Eugene
/ APPLICANT: Roninson, Igor B
/ TITLE OF INVENTION: Methods and Reagents for Preparing and
/ TITLE OF INVENTION: Using Immunoligal Agents Specific for P-glycoprotein
/ NUMBER OF SEQUENCES: 2
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff Ltd.
/ STREET: 300 South Wacker Drive, Seventh Floor
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/316.167
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/752,447
/ FILING DATE: 15-NOV-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: No. 6365357nan, Kevin E
/ REGISTRATION NUMBER: 35,303
/ REFERENCE/DOCKET NUMBER: 95,1121
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 312-913-0001
/ TELEFAX: 312-913-9808
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 4669 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ FEATURE:
/ NAME/KEY: 5'UTR
/ LOCATION: 1..424
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 425..4264
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; FEATURE:
; NAME/KEY: 3'UTR
; LOCATION: 4265..4669
; US-09-316-167-1

Query Match 100.0%; Score 25; DB 3; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

RESULT 11
US-09-397-233-1/c
; Sequence 1, Application US/09397233
; Patent No. 6630327
; GENERAL INFORMATION:
; APPLICANT: Mechtner, Eugene
; Roninson, Igor B
; TITLE OF INVENTION: Methods and Reagents for Preparing and
; Using Immunological Agents Specific for P-glycoprotein
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/09/397,233
; FILING DATE: 16-Sep-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6630327nan, Kevin B
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 95,1121-C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-913-0001
; TELEFAX: 312-913-0002
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4669 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: 1..424
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4264
; FEATURE:
; NAME/KEY: 3'UTR
; LOCATION: 4265..4669
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
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; US-09-397-233-1
;
; Query Match 100.0%; Score 25; DB 3; Length 4669;
; Best Local Similarity 100.0%; Pred. No. 0.014;
; Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; Qy 1 GTGACATTTTCACGGCCATAGCGAA 25
; Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887
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RESULT 12
5206352-3/c
; Patent No. 5206352
; APPLICANT: Roninson, Igor B.;Pastan Ira H.;Gottesman,
; Michael M.
; TITLE OF INVENTION: COMPOSITIONS FOR CLONES CONTAINING DNA
; SEQUENCES ASSOCIATED WITH MULTIDRUG RESISTANCE IN HUMAN CELLS
; NUMBER OF SEQUENCES: 4
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/622,836
; FILING DATE: 24-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 892,575
; FILING DATE: 01-AUG-1986
; APPLICATION NUMBER: 845,610
; FILING DATE: 28-MAR-1986
; SEQ ID NO:3:
; LENGTH: 4669
; 5206352-3

Query Match 100.0%; Score 25; DB 9; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

RESULT 13
US-08-793-610-5/c
; Sequence 5, Application US/08793610
; Patent No. 5858744
; GENERAL INFORMATION:
; APPLICANT: BAUM, Christopher
; APPLICANT: STOCKING-HARBERS, Carol
; APPLICANT: OSTERTAG, Wolfram
; TITLE OF INVENTION: RETROVIRAL VECTOR HYBRIDS AND THE USE THEREOF
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
; STREET: 655 Fifteenth Street N.W. Suite 330
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/793,610
; FILING DATE: 07-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 44 31 973.8
; FILING DATE: 08-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 195 03 952.1
; FILING DATE: 07-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP95/03175
; FILING DATE: 10-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Bertram, Richard J.
; REGISTRATION NUMBER: 39,105
; REFERENCE/DOCKET NUMBER: P1614-7007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-5000
; TELEFAX: (202)638-4810
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; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 6505 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: circular  
; MOLECULE TYPE: DNA  
US-08-793-610-5

Query Match 100.0%; Score 25; DB 2; Length 6505;  
Best Local Similarity 100.0%; Pred. No. 0.015;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25

Db 3303 GTGACATTTTCACGGCCATAGCGAA 3279

## RESULT 14

US-09-306-417-1/c  
; Sequence 1, Application US/09306417  
; Patent No. 6548301  
; GENERAL INFORMATION:  
; APPLICANT: Heinrich-Pette-Institut  
; TITLE OF INVENTION: Retroviral Gene Transfer Vectors  
; FILE REFERENCE: P50491  
; CURRENT APPLICATION NUMBER: US/09/306,417  
; CURRENT FILING DATE: 1999-05-06  
; EARLIER APPLICATION NUMBER: DE 198 22 115  
; EARLIER FILING DATE: 1998-05-08  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 8630  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: proviral  
; OTHER INFORMATION: plasmid DNA  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(160)  
; OTHER INFORMATION: plasmid backbone (pUC)  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (161)..(677)  
; OTHER INFORMATION: 5'-LTR  
; FEATURE:  
; NAME/KEY: 5'UTR  
; LOCATION: (532)..(1219)  
; FEATURE:  
; NAME/KEY: mat\_peptide  
; LOCATION: (1220)..(5062)  
; OTHER INFORMATION: m4 mdr-1 cDNA  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (5215)..(5774)  
; OTHER INFORMATION: 3'-LTR  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (5775)..(8630)  
; OTHER INFORMATION: plasmid backbone (pUC)  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(8630)  
; OTHER INFORMATION: retroviral expression vector SFbeta71m4  
US-09-306-417-1

Query Match 100.0%; Score 25; DB 3; Length 8630;  
Best Local Similarity 100.0%; Pred. No. 0.015;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25

Db 2706 GTGACATTTTCACGGCCATAGCGAA 2682

## RESULT 15

US-09-306-417-2/c  
; Sequence 2, Application US/09306417  
; Patent No. 6548301  
; GENERAL INFORMATION:  
; APPLICANT: Heinrich-Pette-Institut  
; TITLE OF INVENTION: Retroviral Gene Transfer Vectors  
; FILE REFERENCE: P50491  
; CURRENT APPLICATION NUMBER: US/09/306,417  
; CURRENT FILING DATE: 1999-05-06  
; EARLIER APPLICATION NUMBER: DE 198 22 115  
; EARLIER FILING DATE: 1998-05-08  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 2  
; LENGTH: 8630  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: proviral  
; OTHER INFORMATION: plasmid DNA  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(8630)  
; OTHER INFORMATION: retroviral expression vector SFbeta91msA1  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(160)  
; OTHER INFORMATION: plasmid backbone (pUC)  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (161)..(677)  
; OTHER INFORMATION: 5'-LTR  
; FEATURE:  
; NAME/KEY: 5'UTR  
; LOCATION: (532)..(1219)  
; FEATURE:  
; NAME/KEY: mat\_peptide  
; LOCATION: (1220)..(5062)  
; OTHER INFORMATION: msA1 mdr1 cDNA  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (5215)..(5774)  
; OTHER INFORMATION: 3'-LTR  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (5775)..(8630)  
; OTHER INFORMATION: plasmid backbone (pUC)  
US-09-306-417-2

Query Match 100.0%; Score 25; DB 3; Length 8630;  
Best Local Similarity 100.0%; Pred. No. 0.015;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25

Db 2706 GTGACATTTTCACGGCCATAGCGAA 2682

Search completed: April 1, 2006, 18:30:40  
Job time : 79.4483 secs

GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:14:36 ; Search time 580.747 Seconds  
(without alignments)  
355.980 Million cell updates/sec

Title: US-10-007-255-13

Perfect score: 25

Sequence: 1 GTGACATTTTCACGCCCATAGCGAA 25

Scoring table:

IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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3: /cgn2\_6/ptodata/1/pubpna/US09A\_PUBCOMB.seq.\*  
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8: /cgn2\_6/ptodata/1/pubpna/US10D\_PUBCOMB.seq.\*  
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10: /cgn2\_6/ptodata/1/pubpna/US11\_PUBCOMB.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	25	100.0	25	9	US-10-007-255-30
3	25	100.0	219	6	US-10-029-386-15991
4	25	100.0	584	6	US-10-029-386-2291
5	25	100.0	765	8	US-10-484-577-674
6	25	100.0	2307	3	US-09-805-020-31
7	25	100.0	3258	9	US-10-794-514A-394
8	25	100.0	3840	7	US-10-384-339C-30
9	25	100.0	3860	3	US-09-866-866A-1
10	25	100.0	3860	3	US-09-866-866A-3
11	25	100.0	4192	8	US-10-651-237-53
12	25	100.0	4533	3	US-10-782-413-53
13	25	100.0	4533	3	US-09-805-020-30
14	25	100.0	4643	5	US-10-072-621-2
15	25	100.0	4643	5	US-10-097-340-1
16	25	100.0	4643	6	US-10-007-926A-258
17	25	100.0	4643	10	US-11-050-926-1
18	25	100.0	4646	3	US-09-968-007A-459
19	25	100.0	4646	3	US-09-968-007A-747
20	25	100.0	4646	7	US-10-641-643-1167
21	25	100.0	4646	7	US-10-343-657-1
22	25	100.0	4646	8	US-10-775-169-198
23	25	100.0	4646	9	US-10-843-641A-6929

#### ALIGNMENTS

##### RESULT 1

US-10-007-255-13  
; Sequence 13, Application US/10007255  
; Publication No. US20050203036A1  
; GENERAL INFORMATION:  
; APPLICANT: Colgan, Sean  
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an  
; FILE REFERENCE: B0801/7233 (ERP)  
; CURRENT APPLICATION NUMBER: US/10/007,255  
; CURRENT FILING DATE: 2001-10-25  
; EARLIER APPLICATION NUMBER: US 60/243,542  
; EARLIER FILING DATE: 2000-10-26  
; NUMBER OF SEQ ID NOS: 67  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 13  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: homo sapiens  
; US-10-007-255-13

Query Match 100.0%; Score 25; DB 9; Length 25;  
Best Local Similarity 100.0%; Pred. No. 0.015;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGCCCATAGCGAA 25  
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Db 1 GTGACATTTTCACGCCCATAGCGAA 25

##### RESULT 2

US-10-007-255-30/c  
; Sequence 30, Application US/10007255  
; Publication No. US20050203036A1  
; GENERAL INFORMATION:  
; APPLICANT: Colgan, Sean  
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an  
; FILE REFERENCE: B0801/7233 (ERP)  
; CURRENT APPLICATION NUMBER: US/10/007,255  
; CURRENT FILING DATE: 2001-10-25  
; EARLIER APPLICATION NUMBER: US 60/243,542  
; EARLIER FILING DATE: 2000-10-26  
; NUMBER OF SEQ ID NOS: 67  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 30  
; LENGTH: 25  
; TYPE: DNA

Sequence 7217, Ap  
Sequence 164, App  
Sequence 392, App  
Sequence 1, Appli  
Sequence 1, Appli  
Sequence 1, Appli  
Sequence 2, Appli  
Sequence 673, App  
Sequence 681, App  
Sequence 1, Appli  
Sequence 1, Appli  
Sequence 1, Appli  
Sequence 5, Appli  
Sequence 3, Appli  
Sequence 1424, Ap  
Sequence 265, App  
Sequence 1484, Ap  
Sequence 3, Appli  
Sequence 32, Appli  
Sequence 2745, Ap  
Sequence 2672, Ap

c 24 25 100.0 4646 9 US-10-843-641A-7217  
c 25 25 100.0 4646 9 US-10-505-680-164  
c 26 25 100.0 4646 9 US-10-794-514A-392  
c 27 25 100.0 4646 9 US-10-007-255-1  
c 28 25 100.0 4669 7 US-10-680-516-1  
c 29 25 100.0 8630 3 US-09-306-417-1  
c 30 25 100.0 8630 3 US-09-306-417-2  
c 31 25 100.0 98472 8 US-10-484-577-673  
c 32 25 100.0 128993 8 US-10-484-577-681  
c 33 23.4 93.6 4317 5 US-10-044-671-1  
c 34 23.4 93.6 4317 8 US-10-896-434-1  
c 35 21.8 87.2 3852 6 US-10-101-433A-1  
c 36 21.8 87.2 4186 7 US-10-619-359A-1  
c 37 21.8 87.2 4189 3 US-09-866-866A-5  
c 38 21.8 87.2 4195 7 US-10-619-359A-3  
c 39 21.8 87.2 4254 3 US-09-917-800A-1424  
c 40 21.8 87.2 4254 6 US-10-388-934-265  
c 41 21.8 87.2 4254 7 US-10-152-319A-1484  
c 42 21.8 87.2 4254 9 US-10-870-387-3  
c 43 21.8 87.2 4298 8 US-10-335-053-32  
c 44 21.8 87.2 4298 9 US-10-764-420-2745  
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/ ORGANISM: homo sapiens
US-10-007-255-30

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Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
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Db 25 GTGACATTTTCACGGCCATAGCGAA 1

RESULT 3
US-10-029-386-15991
; Sequence 15991, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR C
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 15991
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR7.1
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.6
; OTHER INFORMATION: NT HIT: M29432.1, EVALUE 1.00e-120
; OTHER INFORMATION: SWISSPROT HIT: P08183, EVALUE 8.00e-33
; OTHER INFORMATION: EST_HUMAN HIT: BG567305.1, EVALUE 1.10e+00
US-10-029-386-15991

Query Match      100.0%; Score 25; DB 6; Length 219;
Best Local Similarity 100.0%; Pred. No. 0.023;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
   |||||
Db 77 GTGACATTTTCACGGCCATAGCGAA 101

RESULT 4
US-10-029-386-2291
; Sequence 2291, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR C
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 2291
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR7.1
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/ OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.5
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.6
; OTHER INFORMATION: NT HIT: M29432.1, EVALUE 0.00e+00
; OTHER INFORMATION: SWISSPROT HIT: P08183, EVALUE 4.00e-32
US-10-029-386-2291

Query Match      100.0%; Score 25; DB 6; Length 584;
Best Local Similarity 100.0%; Pred. No. 0.027;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
   |||||
Db 320 GTGACATTTTCACGGCCATAGCGAA 344

RESULT 5
US-10-484-577-674/c
; Sequence 674, Application US/10484577
; Publication No. US20050032724A1
; GENERAL INFORMATION:
; APPLICANT: EPIDAUROS Biotechnologie Aktiengesellschaft
; TITLE OF INVENTION: Means and methods for improved treatment of cancer based on UGT1A1
; FILE REFERENCE: F2285PCT-1
; CURRENT APPLICATION NUMBER: US/10/484,577
; CURRENT FILING DATE: 2004-01-22
; PRIOR APPLICATION NUMBER: PCT/EP 02/08220
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: EP 01 11 7608.8
; PRIOR FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: EP 02011710.7
; NUMBER OF SEQ ID NOS: 683
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 674
; LENGTH: 765
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-484-577-674

Query Match      100.0%; Score 25; DB 8; Length 765;
Best Local Similarity 100.0%; Pred. No. 0.029;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTGACATTTTCACGGCCATAGCGAA 25
   |||||
Db 672 GTGACATTTTCACGGCCATAGCGAA 648

RESULT 6
US-09-805-020-31/c
; Sequence 31, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 2307
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(2307)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-31
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Query Match 100.0%; Score 25; DB 3; Length 2307;  
Best Local Similarity 100.0%; Pred. No. 0.035;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25  
Db 1911 GTGACATTTTCACGGCCATAGCGAA 1887

RESULT 7

US-10-794-514A-394/c  
; Sequence 394, Application US/10794514A  
; Publication No. US2005012134A1  
; GENERAL INFORMATION:  
; APPLICANT: Graddis, Thomas  
; APPLICANT: Laue, Reiner  
; APPLICANT: Diegel, Michael  
; APPLICANT: Vidovic, Damir  
; TITLE OF INVENTION: Compositions and Methods Employing Alternative  
; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of  
; TITLE OF INVENTION: Cancer and Infectious Disease  
; FILE REFERENCE: 11311.1003U  
; CURRENT APPLICATION NUMBER: US/10/794,514A  
; CURRENT FILING DATE: 2004-03-05  
; NUMBER OF SEQ ID NOS: 733  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 394  
; LENGTH: 3258  
; TYPE: DNA  
; ORGANISM: Human  
US-10-794-514A-394

Query Match 100.0%; Score 25; DB 9; Length 3258;  
Best Local Similarity 100.0%; Pred. No. 0.037;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25  
Db 1288 GTGACATTTTCACGGCCATAGCGAA 1264

RESULT 8

US-10-384-339C-30/c  
; Sequence 30, Application US/10384339C  
; Publication No. US20040175703A1  
; GENERAL INFORMATION:  
; APPLICANT: Kreutzer, Roland  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF A TARGET GE  
; FILE REFERENCE: 20200/2002  
; CURRENT APPLICATION NUMBER: US/10/384,339C  
; CURRENT FILING DATE: 2003-03-07  
; PRIOR FILING DATE: PCT/EP02/00152  
; PRIOR FILING DATE: 2002-01-09  
; PRIOR APPLICATION NUMBER: DE 10100586.5  
; PRIOR FILING DATE: 2001-01-09  
; PRIOR APPLICATION NUMBER: DE 10155280.7  
; PRIOR FILING DATE: 2001-10-26  
; PRIOR APPLICATION NUMBER: DE 10158411.3  
; PRIOR FILING DATE: 2001-11-29  
; PRIOR APPLICATION NUMBER: DE 10160151.4  
; PRIOR FILING DATE: 2001-12-07  
; NUMBER OF SEQ ID NOS: 173  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 30  
; LENGTH: 3840  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; PUBLICATION INFORMATION:  
; TITLE: mdr-1  
; PATENT DOCUMENT NUMBER: AF016535  
US-10-384-339C-30

Query Match 100.0%; Score 25; DB 7; Length 3840;

Best Local Similarity 100.0%; Pred. No. 0.039;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25  
Db 1484 GTGACATTTTCACGGCCATAGCGAA 1460

RESULT 9

US-09-866-866A-1/c  
; Sequence 1, Application US/09866866A  
; Patent No. US20020102244A1  
; GENERAL INFORMATION:  
; APPLICANT: Sorrentino, Brian  
; APPLICANT: Schuetz, John  
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells  
; FILE REFERENCE: 1340-1-021CIP2  
; CURRENT APPLICATION NUMBER: US/09/866,866A  
; CURRENT FILING DATE: 2001-08-30  
; PRIOR APPLICATION NUMBER: PCT/US99/11825  
; PRIOR FILING DATE: 2000-05-31  
; PRIOR FILING DATE: 1999-05-27  
; PRIOR APPLICATION NUMBER: 60/086,988  
; PRIOR FILING DATE: 1998-05-28  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1  
; LENGTH: 3860  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-866A-1

Query Match 100.0%; Score 25; DB 3; Length 3860;  
Best Local Similarity 100.0%; Pred. No. 0.039;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25  
Db 1487 GTGACATTTTCACGGCCATAGCGAA 1463

RESULT 10

US-09-866-866A-3/c  
; Sequence 3, Application US/09866866A  
; Patent No. US20020102244A1  
; GENERAL INFORMATION:  
; APPLICANT: Sorrentino, Brian  
; APPLICANT: Schuetz, John  
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells  
; FILE REFERENCE: 1340-1-021CIP2  
; CURRENT APPLICATION NUMBER: US/09/866,866A  
; CURRENT FILING DATE: 2001-08-30  
; PRIOR APPLICATION NUMBER: PCT/US99/11825  
; PRIOR FILING DATE: 2000-05-31  
; PRIOR FILING DATE: 1999-05-27  
; PRIOR APPLICATION NUMBER: 60/086,988  
; PRIOR FILING DATE: 1998-05-28  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3  
; LENGTH: 3860  
; TYPE: DNA  
; ORGANISM: homo sapiens  
US-09-866-866A-3

Query Match 100.0%; Score 25; DB 3; Length 3860;  
Best Local Similarity 100.0%; Pred. No. 0.039;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25

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Db      1487 GTGACATTTTCACGGCCATAGCGAA 1463

RESULT 11
US-10-651-237-53/c
; Sequence 53, Application US/10651237
; Publication No. US20050048494A1
; GENERAL INFORMATION:
; APPLICANT: Ortho-Clinical Diagnostics, Inc.
; APPLICANT: Wang, Yixin
; TITLE OF INVENTION: Colorectal Cancer Prognostics
; FILE REFERENCE: ADS-5003 US NP
; CURRENT APPLICATION NUMBER: US/10/651,237
; CURRENT FILING DATE: 2003-08-27
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: human
US-10-651-237-53

Query Match      100.0%; Score 25; DB 8; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.039;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
Db      1603 GTGACATTTTCACGGCCATAGCGAA 1579

RESULT 12
US-10-782-413-53/c
; Sequence 53, Application US/10782413
; Publication No. US20050048526A1
; GENERAL INFORMATION:
; APPLICANT: Ortho-Clinical Diagnostics, Inc.
; APPLICANT: Wang, Yixin
; TITLE OF INVENTION: Colorectal Cancer Prognostics
; FILE REFERENCE: VDX-5002 CIP
; CURRENT APPLICATION NUMBER: US/10/782,413
; CURRENT FILING DATE: 2004-02-18
; PRIOR APPLICATION NUMBER: 10/651,237
; PRIOR FILING DATE: 2003-08-28
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: human
US-10-782-413-53

Query Match      100.0%; Score 25; DB 8; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.039;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
Db      1603 GTGACATTTTCACGGCCATAGCGAA 1579

RESULT 13
US-09-805-020-30/c
; Sequence 30, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 30
; LENGTH: 4533
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(4533)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-30

Query Match      100.0%; Score 25; DB 3; Length 4533;
Best Local Similarity 100.0%; Pred. No. 0.04;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
Db      1911 GTGACATTTTCACGGCCATAGCGAA 1887

RESULT 14
US-10-072-621-2/c
; Sequence 2, Application US/10072621
; Publication No. US20020169137A1
; GENERAL INFORMATION:
; APPLICANT: Reiner, Peter B.
; APPLICANT: Connop, Bruce P.
; APPLICANT: Pollard, Michelle
; TITLE OF INVENTION: REGULATION OF AMYLOID PRECURSOR PROTEIN EXPRESSION
; FILE REFERENCE: 100103.402
; CURRENT APPLICATION NUMBER: US/10/072,621
; CURRENT FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq For Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 4643
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-072-621-2

Query Match      100.0%; Score 25; DB 5; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.04;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCACGGCCATAGCGAA 25
Db      1908 GTGACATTTTCACGGCCATAGCGAA 1884

RESULT 15
US-10-097-340-1/c
; Sequence 1, Application US/10097340
; Publication No. US20030087250A1
; GENERAL INFORMATION:
; APPLICANT: John MONAHAN
; APPLICANT: Manjula GANNAVAPU
; APPLICANT: Sebastian HOERSCH
; APPLICANT: Shubhangi KAMATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel B. MEYERS
; APPLICANT: Michael MORRISSEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VEIBY
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, Jr.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
; APPLICANT: Xumei ZHAO
; APPLICANT: Karen GLATT
; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
; FILE REFERENCE: Assessment, Prevention, and Therapy of Ovarian Cancer
; FILE REFERENCE: MRI-030
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; CURRENT APPLICATION NUMBER: US/10/097,340
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 4643
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-097-340-1

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Query Match      100.0%; Score 25; DB 5; Length 4643;
Best Local Similarity 100.0%; Pred. No. 0.04;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 GTGACATTTTCACGCCATAGCGAA 25
Db      1908 GTGACATTTTCACGCCATAGCGAA 1884

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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:33:54 ; Search time 513.506 Seconds  
(without alignments)  
194.399 Million cell updates/sec

Title: US-10-007-255-13

Perfect score: 25

Sequence: 1 GTGACATTTTCACGGCCATAGCGAA 25

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 9263891 seqs, 1996499642 residues

Total number of hits satisfying chosen parameters: 18527782

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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- 2: /SIDSS/ptodata/2/pubpna/US06\_NEW\_PUB.seq:\*
- 3: /SIDSS/ptodata/2/pubpna/US07\_NEW\_PUB.seq:\*
- 4: /SIDSS/ptodata/2/pubpna/PCT\_NEW\_PUB.seq:\*
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- 6: /SIDSS/ptodata/2/pubpna/US09\_NEW\_PUB.seq1:\*
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- 9: /SIDSS/ptodata/2/pubpna/US10\_NEW\_PUB.seq2:\*
- 10: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq:\*
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- 12: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq2:\*
- 13: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq3:\*
- 14: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq4:\*
- 15: /SIDSS/ptodata/2/pubpna/US60\_NEW\_PUB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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C 2	25	100.0	4192	9	Sequence 53, Appl
C 3	25	100.0	4646	8	Sequence 36, Appl
C 4	25	100.0	4646	14	Sequence 198, Appl
C 5	23.4	93.6	4282	14	Sequence 5, Appl
C 6	23.4	93.6	4282	14	Sequence 452, App
C 7	23.4	93.6	4305	14	Sequence 452, App
C 8	23.4	93.6	4305	14	Sequence 465, App
C 9	21.8	87.2	4437	14	Sequence 465, App
C 10	21.8	87.2	5133	14	Sequence 3399, Ap
C 11	20.2	80.8	3958	14	Sequence 698, App
C 12	20.2	80.8	3958	14	Sequence 455, App
C 13	19	76.0	33	11	Sequence 455, App
C 14	19	76.0	3321	11	Sequence 836, App
C 15	19	76.0	3568	11	Sequence 175, App
C 16	19	76.0	3636	11	Sequence 789, App
C 17	19	76.0	3838	11	Sequence 794, App
C 18	19	76.0	4013	11	Sequence 786, App

19	76.0	4022	11	US-11-050-857-791	Sequence 791, App
20	76.0	4270	11	US-11-050-857-790	Sequence 790, App
21	76.0	4444	11	US-11-050-857-785	Sequence 785, App
22	76.0	4596	11	US-11-050-857-784	Sequence 784, App
23	76.0	6807	11	US-11-050-857-783	Sequence 783, App
C 24	18.6	3990	14	US-11-136-527-2089	Sequence 2089, Ap
C 25	18.2	72.8	618	8	Sequence 602, App
C 26	18.2	72.8	1972	8	Sequence 153, App
C 27	18.2	72.8	1972	9	Sequence 89, Appl
C 28	17.8	8892	9	US-10-330-773-672	Sequence 672, App
C 29	17.6	70.4	631	6	Sequence 85730, A
C 30	17.6	70.4	631	9	Sequence 186970, A
C 31	17.6	70.4	631	10	Sequence 800379, A
C 32	17.6	70.4	641	6	Sequence 762883, A
C 33	17.6	70.4	641	6	Sequence 834524, A
C 34	17.2	68.8	2463	9	Sequence 6118, Ap
C 35	17.2	68.8	2463	9	Sequence 6118, Ap
C 36	17	68.0	422	6	Sequence 485076, A
C 37	17	68.0	422	6	Sequence 485077, A
C 38	17	68.0	548	9	Sequence 65938, A
C 39	17	68.0	548	10	Sequence 679347, A
C 40	17	68.0	578	6	Sequence 463296, A
C 41	17	68.0	578	6	Sequence 463297, A
C 42	17	68.0	579	10	Sequence 519809, A
C 43	17	68.0	579	10	Sequence 519810, A
C 44	17	68.0	579	10	Sequence 1133218, A
C 45	17	68.0	579	10	Sequence 1133219, A

#### ALIGNMENTS

##### RESULT 1

US-10-782-413-53/c  
; Sequence 53, Application US/10782413  
; Publication No. US20060063157A9  
; GENERAL INFORMATION:  
; APPLICANT: Ortho-Clinical Diagnostics, Inc.  
; TITLE OF INVENTION: Colorectal Cancer Prognostics  
; FILE REFERENCE: VDX-5002 CIP  
; CURRENT APPLICATION NUMBER: US/10782,413  
; CURRENT FILING DATE: 2004-02-18  
; PRIOR APPLICATION NUMBER: 10/651,237  
; PRIOR FILING DATE: 2003-08-28  
; NUMBER OF SEQ ID NOS: 94  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 53  
; LENGTH: 4192  
; TYPE: DNA  
; ORGANISM: human  
US-10-782-413-53

Query Match 100.0%; Score 25; DB 7; Length 4192;  
Best Local Similarity 100.0%; Pred. No. 0.011;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGGCCATAGCGAA 25

Db 1603 GTGACATTTTCACGGCCATAGCGAA 1579

##### RESULT 2

US-10-826-585-36/c  
; Sequence 36, Application US/10826585  
; Publication No. US20060008807A1  
; GENERAL INFORMATION:  
; APPLICANT: Immunivest Corporation  
; APPLICANT: O'Hara, Shawn Mark  
; APPLICANT: Foulk, Brad  
; APPLICANT: Zweitzig, Daniel  
; TITLE OF INVENTION: Multiparameter analysis of comprehensive nucleic acids and morphological features on the same sample

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; FILE REFERENCE: IMMC 143 PCT/US
; CURRENT APPLICATION NUMBER: US/10/826,585
; CURRENT FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: 60/369945
; PRIOR FILING DATE: 2002-04-04
; PRIOR APPLICATION NUMBER: 60/330669
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US02/26867
; PRIOR FILING DATE: 2002-08-23
; NUMBER OF SEQ ID NOS: 131
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 36
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: Human
US-10-826-585-36

Query Match      100.0%; Score 25; DB 9; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCAGGGCCATAGCGAA 25
Db      1603 GTGACATTTTCAGGGCCATAGCGAA 1579

RESULT 3
US-10-775-169-198/c
; Sequence 198, Application US/10775169
; Publication No. US20050287532A9
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dörner, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 198
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-775-169-198

Query Match      100.0%; Score 25; DB 8; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCAGGGCCATAGCGAA 25
Db      1911 GTGACATTTTCAGGGCCATAGCGAA 1887

RESULT 4
US-11-045-578-5/c
; Sequence 5, Application US/11045578
; Publication No. US20060024685A1
; GENERAL INFORMATION:
; APPLICANT: HO, Rodney J.Y.
; APPLICANT: YANG, Ziping
; APPLICANT: SHEN, Danny D.
; APPLICANT: WU, Daniel
; TITLE OF INVENTION: NOVEL SEQUENCE VARIANTS OF MULTI-DRUG RESISTANCE GENES, MDR1 AND
; TITLE OF INVENTION: MRP1, AND RECOMBINANT CELLS EXPRESSING MRP1 AND MDR1 FOR
; TITLE OF INVENTION: ASSESSMENT OF DRUG PENETRATION AND DISPOSITION
; FILE REFERENCE: 016336-002510US
; CURRENT APPLICATION NUMBER: US/11/045,578
; CURRENT FILING DATE: 2005-01-26
; PRIOR APPLICATION NUMBER: US 60/539,362
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; PRIOR FILING DATE: 2004-01-26
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: human MDRI
US-11-045-578-5

Query Match      100.0%; Score 25; DB 14; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.011;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTGACATTTTCAGGGCCATAGCGAA 25
Db      1911 GTGACATTTTCAGGGCCATAGCGAA 1887

RESULT 5
US-11-128-061-452/c
; Sequence 452, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; TITLE OF INVENTION: TO MONITOR GENE EXPRESSION
; FILE REFERENCE: 01997-027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 452
; LENGTH: 4282
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (82)..(102)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (762)..(778)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1698)..(1756)
; OTHER INFORMATION: n is a, c, g, or t
US-11-128-061-452

Query Match      93.6%; Score 23.4; DB 14; Length 4282;
Best Local Similarity 96.0%; Pred. No. 0.077;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 GTGACATTTTCAGGGCCATAGCGAA 25
Db      1494 GTGACATTTTCAGGGCCATAGCGAA 1470

RESULT 6
US-11-128-049-452/c
; Sequence 452, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
```

```

; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; PRIOR FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 452
; LENGTH: 4282
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; NAME/KEY: misc feature
; FEATURE:
; LOCATION: (82)..(102)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (762)..(778)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1698)..(1756)
; OTHER INFORMATION: n is a, c, g, or t
; US-11-128-049-452

Query Match          93.6%; Score 23.4; DB 14; Length 4282;
Best Local Similarity 96.0%; Pred. No. 0.077;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGCCCATAGCGAA 25
Db 1494 GTGACATTTTCGCGCCATAGCGAA 1470
|||||

RESULT 7
US-11-128-061-465/c
; Sequence 465, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 465
; LENGTH: 4305
; TYPE: DNA
; ORGANISM: Cricetulus sp.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (857)..(873)
; OTHER INFORMATION: n is a, c, g, or t

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US-11-128-061-465

Query Match          93.6%; Score 23.4; DB 14; Length 4305;
Best Local Similarity 96.0%; Pred. No. 0.077;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGCCCATAGCGAA 25
Db 1589 GTGACATTTTCGCGCCATAGCGAA 1565
|||||

RESULT 8
US-11-128-049-465/c
; Sequence 465, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 465
; LENGTH: 4305
; TYPE: DNA
; ORGANISM: Cricetulus sp.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (857)..(873)
; OTHER INFORMATION: n is a, c, g, or t
; US-11-128-049-465

Query Match          93.6%; Score 23.4; DB 14; Length 4305;
Best Local Similarity 96.0%; Pred. No. 0.077;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GTGACATTTTCACGCCCATAGCGAA 25
Db 1589 GTGACATTTTCGCGCCATAGCGAA 1565
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RESULT 9
US-11-136-527-3399/c
; Sequence 3399, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M.
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3399
; LENGTH: 4437
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; US-11-136-527-3399

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US-11-050-857-836
; Sequence 836, Application US/11050857
; Publication No. US20060040278A1
; GENERAL INFORMATION:
; APPLICANT: Compugen Ltd
; TITLE OF INVENTION: NOVEL NUCLEOTIDE AND AMINO ACID SEQUENCES, AND ASSAYS AND METHODS
; FILE REFERENCE: 1847.1005
; CURRENT APPLICATION NUMBER: US/11/050,857
; CURRENT FILING DATE: 2005-01-27
; NUMBER OF SEQ ID NOS: 1150
; SEQ ID NO 836
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-050-857-836

Query Match          76.0%; Score 19; DB 11; Length 33;
Best Local Similarity 100.0%; Pred. No. 5.5;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 ACATTTTCACGGCCATAGC 22
DB      3 ACATTTTCACGGCCATAGC 21

RESULT 14
US-11-250-759-175
; Sequence 175, Application US/11250759
; Publication No. US20060057141A1
; GENERAL INFORMATION:
; APPLICANT: Fanger, Gary R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
; FILE REFERENCE: 210121.484C10
; CURRENT APPLICATION NUMBER: US/11/250,759
; CURRENT FILING DATE: 2005-10-14
; PRIOR APPLICATION NUMBER: 10/369,186
; PRIOR FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: 10/361,811
; PRIOR FILING DATE: 2003-02-05
; PRIOR APPLICATION NUMBER: 10/212,677
; PRIOR FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 09/970,966
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 09/825,294
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 09/713,550
; PRIOR FILING DATE: 2000-11-14
; PRIOR APPLICATION NUMBER: 09/656,668
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: 09/640,173
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/561,778
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 09/394,374
; PRIOR FILING DATE: 1999-09-10
; NUMBER OF SEQ ID NOS: 293
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 175
; LENGTH: 3321
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-250-759-175

Query Match          76.0%; Score 19; DB 11; Length 3321;
Best Local Similarity 100.0%; Pred. No. 14;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 ACATTTTCACGGCCATAGC 22
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DB      2988 ACATTTTCACGGCCATAGC 3006

RESULT 15
US-11-050-857-789
; Sequence 789, Application US/11050857
; Publication No. US20060040278A1
; GENERAL INFORMATION:
; APPLICANT: Compugen Ltd
; TITLE OF INVENTION: NOVEL NUCLEOTIDE AND AMINO ACID SEQUENCES, AND ASSAYS AND METHODS
; FILE REFERENCE: 1847.1005
; CURRENT APPLICATION NUMBER: US/11/050,857
; CURRENT FILING DATE: 2005-01-27
; NUMBER OF SEQ ID NOS: 1150
; SEQ ID NO 789
; LENGTH: 3568
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-050-857-789

Query Match          76.0%; Score 19; DB 11; Length 3568;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4 ACATTTTCACGGCCATAGC 22
DB      3237 ACATTTTCACGGCCATAGC 3255
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OM nucleic - nucleic search, using sw model

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(without alignments)  
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Title: US-10-007-255-14  
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Sequence: 1 cgaaccaggcactgcaatggcga 25

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Searched: 1303057 seqs, 888780828 residues

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Maximum Match 100%  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 2	25	100.0	3852	3	US-10-101-433A-1
C 3	25	100.0	3860	3	US-09-584-586-1
C 4	25	100.0	3860	3	US-09-584-586-3
C 5	25	100.0	3924	3	US-09-023-655-1168
C 6	25	100.0	3924	3	US-09-762-195-2
C 7	25	100.0	3988	3	US-09-762-195-1
C 8	25	100.0	4186	3	US-09-672-810-1
C 9	25	100.0	4195	3	US-09-672-810-3
C 10	25	100.0	4264	2	US-08-784-649A-1
C 11	25	100.0	4264	2	US-08-784-649A-5
C 12	25	100.0	4646	2	US-08-181-471-2
C 13	25	100.0	4646	3	US-09-023-655-1167
C 14	25	100.0	4669	2	US-08-583-276-18
C 15	25	100.0	4669	2	US-08-752-447-1
C 16	25	100.0	4669	3	US-09-316-167-1
C 17	25	100.0	4669	3	US-09-397-233-1
C 18	25	100.0	4669	9	5206352-3
C 19	25	100.0	6505	2	US-08-793-610-5
C 20	25	100.0	8630	3	US-09-306-417-1
C 21	25	100.0	8630	3	US-09-306-417-2
C 22	25	100.0	9318	2	US-08-793-610-6
C 23	21.8	87.2	4279	3	US-09-672-725C-1
C 24	21.8	87.2	4279	3	US-09-672-725C-22

C 25	21.8	87.2	4279	3	US-09-672-725C-24
C 26	21.8	87.2	4279	3	US-09-672-725C-26
C 27	21.8	87.2	4317	3	US-09-672-725C-3
C 28	21.8	87.2	4317	3	US-10-044-671-1
C 29	20.2	80.8	4189	3	US-09-584-586-5
C 30	20.2	80.8	4233	3	US-09-120-513-1
C 31	20.2	80.8	4233	3	US-09-450-105-1
C 32	20.2	80.8	4788	3	US-09-584-586-7
C 33	18.6	74.4	1175	3	US-09-873-409-11
C 34	18.6	74.4	1940	3	US-09-873-409-16
C 35	18.6	74.4	2021	3	US-09-873-409-15
C 36	18.6	74.4	2856	3	US-09-873-409-10
C 37	18.6	74.4	3177	3	US-09-873-409-12
C 38	18.6	74.4	3621	3	US-09-873-409-14
C 39	18.6	74.4	3702	3	US-09-873-409-13
C 40	18.6	74.4	4047	2	US-08-612-734B-1
C 41	18.6	74.4	4800	2	US-08-612-734B-3
C 42	18.2	72.8	690	3	US-09-540-236-1532
C 43	17.8	71.2	601	3	US-09-949-016-191243
C 44	17.8	71.2	601	3	US-09-949-016-191244
C 45	17.8	71.2	30847	3	US-09-949-016-16657

ALIGNMENTS

RESULT 1  
US-08-461-823-1/c  
; Sequence 1, Application US/08461823  
; Patent No. 5593840  
; GENERAL INFORMATION:  
; APPLICANT: Bhatnagar, Satish K.  
; APPLICANT: George Jr., Albert L.  
; APPLICANT: Nazarenko, Irina  
; TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACID SEQUENCES  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: OncorPharm, Inc.  
; STREET: 200 Perry Parkway  
; CITY: Gaithersburg  
; STATE: Maryland  
; COUNTRY: USA  
; ZIP: 20877  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/461,823  
; FILING DATE: 05-JUN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/168,621  
; FILING DATE: 16-DEC-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/010,433  
; FILING DATE: 27-JAN-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Karta, Glenn E.  
; REGISTRATION NUMBER: 30,649  
; REFERENCE/DOCKET NUMBER: PA-0012 CIP 2  
; TELEPHONE: 301 527-2058  
; TELEFAX: 301 208-6997  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 2726 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO

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; ANTI-SENSE: NO
US-08-461-823-1

Query Match      100.0%; Score 25; DB 2; Length 2726;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGGCAGTGCATGGCGA 25
Db 144 CGAACCCAGGGCAGTGCATGGCGA 120

RESULT 2
US-10-101-433A-1/c
; Sequence 1, Application US/10101433A
; Patent No. 6855812
; GENERAL INFORMATION:
; APPLICANT: Hanscom, Sara
; APPLICANT: Crespi, Charles
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G00307/70019
; CURRENT APPLICATION NUMBER: US/10/101,433A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: US 60/277,095
; PRIOR FILING DATE: 2001-03-19
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 3852
; TYPE: DNA
; ORGANISM: Macaca mulatta
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(3852)
US-10-101-433A-1

Query Match      100.0%; Score 25; DB 3; Length 3852;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGGCAGTGCATGGCGA 25
Db 1649 CGAACCCAGGGCAGTGCATGGCGA 1625

RESULT 3
US-09-584-586-1/c
; Sequence 1, Application US/09584586
; Patent No. 6933150
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Bunting, Kevin
; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANSDUCED WITH
; FILE REFERENCE: 1340-1-021CIP
; CURRENT APPLICATION NUMBER: US/09/584,586
; CURRENT FILING DATE: 2000-05-31
; EARLIER APPLICATION NUMBER: US 60/086,988
; EARLIER FILING DATE: 1998-05-28
; EARLIER APPLICATION NUMBER: PCT/US99/11825
; EARLIER FILING DATE: 1999-05-27
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Human MDR 185-G
US-09-584-586-1

Query Match      100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGGCAGTGCATGGCGA 25
Db 1640 CGAACCCAGGGCAGTGCATGGCGA 1616

RESULT 4
US-09-584-586-3/c
; Sequence 3, Application US/09584586
; Patent No. 6933150
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Bunting, Kevin
; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANSDUCED WITH
; FILE REFERENCE: 1340-1-021CIP
; CURRENT APPLICATION NUMBER: US/09/584,586
; CURRENT FILING DATE: 2000-05-31
; EARLIER APPLICATION NUMBER: US 60/086,988
; EARLIER FILING DATE: 1998-05-28
; EARLIER APPLICATION NUMBER: PCT/US99/11825
; EARLIER FILING DATE: 1999-05-27
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Human MDR 185-V
US-09-584-586-3

Query Match      100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGGCAGTGCATGGCGA 25
Db 1640 CGAACCCAGGGCAGTGCATGGCGA 1616

RESULT 5
US-09-023-655-1168/c
; Sequence 1168, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HEREWITH
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
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; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1168:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3924 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g187501
US-09-023-655-1168

Query Match 100.0%; Score 25; DB 3; Length 3924;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACGAGGCGACGTGCAATGGCGA 25
Db 1678 CGAACGAGGCGACGTGCAATGGCGA 1654

RESULT 6
US-09-762-195-2/c
; Sequence 1, Application US/09762195
; Patent No. 6677319
; GENERAL INFORMATION:
; APPLICANT: Stremmel, Wolfgang
; TITLE OF INVENTION: Phosphatidylcholine as Medication with
; FILE REFERENCE: 34691/208520
; CURRENT APPLICATION NUMBER: US/09/762,195
; CURRENT FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: PCT/EP99702426
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 198 35 526 2 DE
; PRIOR FILING DATE: 1998-08-06
; PRIOR FILING DATE: 1998-08-06
; PRIOR FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 3924
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-762-195-2

Query Match 100.0%; Score 25; DB 3; Length 3924;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACGAGGCGACGTGCAATGGCGA 25
Db 1678 CGAACGAGGCGACGTGCAATGGCGA 1654

RESULT 7
US-09-762-195-1/c
; Sequence 1, Application US/09762195
; Patent No. 6677319
; GENERAL INFORMATION:
; APPLICANT: Stremmel, Wolfgang
; TITLE OF INVENTION: Phosphatidylcholine as Medication with
; FILE REFERENCE: 34691/208520
; CURRENT APPLICATION NUMBER: US/09/762,195
; CURRENT FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: PCT/EP99702426
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1168:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3924 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g187501
US-09-023-655-1168

; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 198 35 526 2 DE
; PRIOR FILING DATE: 1998-08-06
; PRIOR APPLICATION NUMBER: 198 57 570.8 DE
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 3988
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-762-195-1

Query Match 100.0%; Score 25; DB 3; Length 3988;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACGAGGCGACGTGCAATGGCGA 25
Db 1706 CGAACGAGGCGACGTGCAATGGCGA 1682

RESULT 8
US-09-672-810-1/c
; Sequence 1, Application US/09672810
; Patent No. 6617450
; GENERAL INFORMATION:
; APPLICANT: STOCKER, PENNY J.
; APPLICANT: STEIMEL-CRESPI, DOROTHY T.
; APPLICANT: CRESPI, CHARLES L.
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G0307/7018
; CURRENT APPLICATION NUMBER: US/09/672,810
; CURRENT FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US 60/156,921
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/158,818
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 4186
; TYPE: DNA
; ORGANISM: Macaca fascicularis
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (100)....(3940)
US-09-672-810-1

Query Match 100.0%; Score 25; DB 3; Length 4186;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACGAGGCGACGTGCAATGGCGA 25
Db 1739 CGAACGAGGCGACGTGCAATGGCGA 1715

RESULT 9
US-09-672-810-3/c
; Sequence 3, Application US/09672810
; Patent No. 6617450
; GENERAL INFORMATION:
; APPLICANT: STOCKER, PENNY J.
; APPLICANT: STEIMEL-CRESPI, DOROTHY T.
; APPLICANT: CRESPI, CHARLES L.
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G0307/7018
; CURRENT APPLICATION NUMBER: US/09/672,810
; CURRENT FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US 60/156,921
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/158,818
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;; PRIOR FILING DATE: 1999-10-12  
;; NUMBER OF SEQ ID NOS: 18  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 3  
;; LENGTH: 4195  
;; TYPE: DNA  
;; ORGANISM: Macaca fascicularis  
;; FEATURE:  
;; NAME/KEY: CDS  
;; LOCATION: (100)...(3949)  
US-09-672-810-3

Query Match 100.0%; Score 25; DB 3; Length 4195;  
Best Local Similarity 100.0%; Pred. No. 0.16;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25  
|||||  
Db 1748 CGAACCCAGGCGACGTGCAATGGCGA 1724

## RESULT 10

US-08-784-649A-1/c  
; Sequence 1, Application US/08784649A  
; Patent No. 5830697  
; GENERAL INFORMATION:

;; APPLICANT: Sikic, Branimir I  
;; APPLICANT: Chen, Gang  
;; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO  
;; TITLE OF INVENTION: CYCLOSPORIN MODULATION  
;; NUMBER OF SEQUENCES: 5  
;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Fish & Richardson  
;; STREET: 2200 Sand Hill Road  
;; CITY: Menlo Park  
;; STATE: CA  
;; COUNTRY: USA  
;; ZIP: 94025

;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/784,649A  
;; FILING DATE:

;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Sherwood, Pamela J  
;; REGISTRATION NUMBER: Reg.No. 5830697 36,677  
;; REFERENCE/DOCKET NUMBER: 06037/007001  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 415-322-5070  
;; TELEFAX: 415-854-0875

;; INFORMATION FOR SEQ ID NO: 1:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 4264 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA

US-08-784-649A-1

Query Match 100.0%; Score 25; DB 2; Length 4264;  
Best Local Similarity 100.0%; Pred. No. 0.16;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25  
|||||  
Db 1778 CGAACCCAGGCGACGTGCAATGGCGA 1754

## RESULT 11

US-08-784-649A-5/c  
; Sequence 5, Application US/08784649A  
; Patent No. 5830697  
; GENERAL INFORMATION:  
;; APPLICANT: Sikic, Branimir I  
;; APPLICANT: Chen, Gang  
;; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO  
;; TITLE OF INVENTION: CYCLOSPORIN MODULATION  
;; NUMBER OF SEQUENCES: 5  
;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Fish & Richardson  
;; STREET: 2200 Sand Hill Road  
;; CITY: Menlo Park  
;; STATE: CA  
;; COUNTRY: USA  
;; ZIP: 94025

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/784,649A  
;; FILING DATE:

;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Sherwood, Pamela J  
;; REGISTRATION NUMBER: Reg.No. 5830697 36,677  
;; REFERENCE/DOCKET NUMBER: 06037/007001  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 415-322-5070  
;; TELEFAX: 415-854-0875  
;; INFORMATION FOR SEQ ID NO: 5:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 4264 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA

US-08-784-649A-5

Query Match 100.0%; Score 25; DB 2; Length 4264;  
Best Local Similarity 100.0%; Pred. No. 0.16;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25  
|||||  
Db 1778 CGAACCCAGGCGACGTGCAATGGCGA 1754

## RESULT 12

US-08-181-471-2/c  
; Sequence 2, Application US/08181471  
; Patent No. 5641508  
; GENERAL INFORMATION:  
;; APPLICANT: Li, Lingna  
;; APPLICANT: Lishko, Valeryi K.  
;; TITLE OF INVENTION: METHOD FOR DELIVERING BENEFICIAL  
;; TITLE OF INVENTION: COMPOSITIONS TO HAIR FOLLICLES  
;; NUMBER OF SEQUENCES: 3  
;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Thomas Fitting  
;; STREET: 12526 High Bluff Drive, Suite 300  
;; CITY: San Diego  
;; STATE: CA  
;; COUNTRY: USA  
;; ZIP: 92130

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/181,471  
FILING DATE: 13-JAN-1994  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/041,553  
FILING DATE: 02-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Fitting, Thomas  
REGISTRATION NUMBER: 34,163  
REFERENCE/DOCKET NUMBER: ANT0029P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-792-3680  
TELEFAX: 619-792-8477  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4646 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 425...4267  
US-08-181-471-2

Query Match 100.0%; Score 25; DB 2; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.16;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACGAGGCGACGTGCAATGGCGA 25  
DB 2064 CGAACGAGGCGACGTGCAATGGCGA 2040

RESULT 13  
US-09-023-655-1167/c  
Sequence 1167, Application US/09023655  
Patent No. 6607879  
GENERAL INFORMATION:  
APPLICANT: Cocks, Benjamin G.  
APPLICANT: Susan G. Stuart  
APPLICANT: Jeffrey J. Seilhamer  
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 1508  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.  
STREET: 3174 PORTER DRIVE  
CITY: PALO ALTO  
STATE: CALIFORNIA  
COUNTRY: USA  
ZIP: 94304  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/023,655  
FILING DATE: HERewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Zeller, Karen J.  
REGISTRATION NUMBER: 37,071  
REFERENCE/DOCKET NUMBER: PA-0001 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650) 855-0555

TELEFAX: (650) 845-4166  
INFORMATION FOR SEQ ID NO: 1167:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4646 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
LIBRARY: GENBANK  
CLONE: g187468  
US-09-023-655-1167

Query Match 100.0%; Score 25; DB 3; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.16;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACGAGGCGACGTGCAATGGCGA 25  
DB 2064 CGAACGAGGCGACGTGCAATGGCGA 2040

RESULT 14  
US-08-583-276-18/c  
Sequence 18, Application US/08583276  
Patent No. 5837536  
GENERAL INFORMATION:  
APPLICANT: McDonagh, Kevin T.  
APPLICANT: Nienhuis, Arthur  
APPLICANT: Tolstoshev, Paul  
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN  
TITLE OF INVENTION: MULTIDRUG RESISTANCE GENES AND IMPROVED  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,  
ADDRESSEE: Cecchi & Stewart  
STREET: 6 Becker Farm Road  
CITY: Roseland  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07068  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch diskette  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: DW4 V2  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/583,276  
FILING DATE: 05-JAN-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/332,444  
FILING DATE: 31-OCT-1994  
APPLICATION NUMBER: 07/887,712  
FILING DATE: 22-MAY-1992  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4669 bases  
TYPE: nucleic acid  
STRANDEDNESS: singular  
TOPOLOGY: linear  
MOLECULE TYPE:  
DESCRIPTION: Genomic DNA  
US-08-583-276-18

Query Match 100.0%; Score 25; DB 2; Length 4669;  
Best Local Similarity 100.0%; Pred. No. 0.16;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACGAGGCGACGTGCAATGGCGA 25  
DB 2064 CGAACGAGGCGACGTGCAATGGCGA 2040





GenCore version 5.1.7  
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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:14:36 ; Search time 580.747 Seconds  
(without alignments)  
355.980 Million cell updates/sec

Title: US-10-007-255-14  
Perfect score: 25  
Sequence: 1 cgaaccaggcgcgtgcaatggcga 25

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084  
Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications NA\_Main:  
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2: /cgn2\_6/ptodata/1/pubpna/US08\_PUBCOMB.seq:\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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C 3	25	100.0	2307	3	US-09-805-020-31
C 4	25	100.0	3153	9	US-10-794-514A-396
C 5	25	100.0	3258	9	US-10-794-514A-394
C 6	25	100.0	3825	7	US-10-363-112-48
C 7	25	100.0	3840	7	US-10-384-339C-30
C 8	25	100.0	3852	6	US-10-101-433A-1
C 9	25	100.0	3860	3	US-09-866-866A-1
C 10	25	100.0	3860	3	US-09-866-866A-3
C 11	25	100.0	3924	7	US-09-880-107-2299
C 12	25	100.0	4186	7	US-10-641-643-1168
C 13	25	100.0	4186	7	US-10-619-359A-1
C 14	25	100.0	4192	8	US-10-651-237-53
C 15	25	100.0	4192	8	US-10-782-413-53
C 16	25	100.0	4195	7	US-10-619-359A-3
C 17	25	100.0	4533	3	US-09-805-020-30
C 18	25	100.0	4643	5	US-10-072-621-2
C 19	25	100.0	4643	5	US-10-097-926A-258
C 20	25	100.0	4643	6	US-10-097-926A-258
C 21	25	100.0	4643	10	US-11-050-826-1
C 22	25	100.0	4646	3	US-09-968-007A-459
C 23	25	100.0	4646	3	US-09-968-007A-747

c 24	25	100.0	4646	7	US-10-641-643-1167	Sequence 1167, Ap
c 25	25	100.0	4646	7	US-10-343-657-1	Sequence 1, Appli
c 26	25	100.0	4646	8	US-10-775-169-198	Sequence 198, App
c 27	25	100.0	4646	9	US-10-843-641A-6929	Sequence 6929, Ap
c 28	25	100.0	4646	9	US-10-843-641A-7217	Sequence 7217, Ap
c 29	25	100.0	4646	9	US-10-505-680-164	Sequence 164, App
c 30	25	100.0	4646	9	US-10-794-514A-392	Sequence 392, App
c 31	25	100.0	4646	9	US-10-007-255-1	Sequence 1, Appli
c 32	25	100.0	4669	7	US-10-680-516-1	Sequence 1, Appli
c 33	25	100.0	5785	9	US-10-887-553A-389	Sequence 389, App
c 34	25	100.0	8630	3	US-09-306-417-1	Sequence 1, Appli
c 35	25	100.0	8630	3	US-09-306-417-2	Sequence 2, Appli
c 36	25	100.0	98472	8	US-10-484-577-673	Sequence 673, App
c 37	25	100.0	128993	8	US-10-484-577-681	Sequence 681, App
c 38	21.8	87.2	4317	5	US-10-044-671-1	Sequence 1, Appli
c 39	21.8	87.2	4317	8	US-10-896-434-1	Sequence 1, Appli
c 40	20.2	80.8	3912	3	US-09-917-800A-1560	Sequence 1560, Ap
c 41	20.2	80.8	4189	3	US-09-866-866A-5	Sequence 5, Appli
c 42	20.2	80.8	4254	3	US-09-917-800A-1424	Sequence 1424, Ap
c 43	20.2	80.8	4254	6	US-10-388-934-265	Sequence 265, App
c 44	20.2	80.8	4254	7	US-10-152-319A-1484	Sequence 1484, Ap
c 45	20.2	80.8	4254	9	US-10-870-387-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1  
US-10-007-255-14  
; Sequence 14, Application US/10007255  
; Publication No. US20050203036A1  
; GENERAL INFORMATION:  
; APPLICANT: Colgan, Sean  
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an  
; FILE REFERENCE: B0801/7233 (ERP)  
; CURRENT APPLICATION NUMBER: US/10/007,255  
; CURRENT FILING DATE: 2001-10-25  
; EARLIER APPLICATION NUMBER: US 60/243,542  
; EARLIER FILING DATE: 2000-10-26  
; NUMBER OF SEQ ID NOS: 67  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 14  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: homo sapiens  
US-10-007-255-14

Query Match 100.0%; Score 25; DB 9; Length 25;  
Best Local Similarity 100.0%; Pred. No. 0.048;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACCCAGGCGACGTGCAATGGCGA 25  
Db 1 CGAACCCAGGCGACGTGCAATGGCGA 25

RESULT 2  
US-10-007-255-31/c  
; Sequence 31, Application US/10007255  
; Publication No. US20050203036A1  
; GENERAL INFORMATION:  
; APPLICANT: Colgan, Sean  
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an  
; FILE REFERENCE: B0801/7233 (ERP)  
; CURRENT APPLICATION NUMBER: US/10/007,255  
; CURRENT FILING DATE: 2001-10-25  
; EARLIER APPLICATION NUMBER: US 60/243,542  
; EARLIER FILING DATE: 2000-10-26  
; NUMBER OF SEQ ID NOS: 67  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 31  
; LENGTH: 25  
; TYPE: DNA

; ORGANISM: homo sapiens  
US-10-007-255-31

Query Match 100.0%; Score 25; DB 9; Length 25;  
Best Local Similarity 100.0%; Pred. No. 0.049;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACACGGGCACGTGCAATGGCGA 25  
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Db 25 CGAACACGGGCACGTGCAATGGCGA 1

## RESULT 3

US-09-805-020-31/c  
; Sequence 31, Application US/09805020  
; Publication No. US20020086384A1  
; GENERAL INFORMATION:  
; APPLICANT: LEVINE, Zurit  
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES  
; FILE REFERENCE: 2786-0168P  
; CURRENT APPLICATION NUMBER: US/09/805,020  
; CURRENT FILING DATE: 2001-03-13  
; NUMBER OF SEQ ID NOS: 72  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 31  
; LENGTH: 2307  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (1)-(2307)  
; OTHER INFORMATION: any n = a,c,g,t any unknown or other  
US-09-805-020-31

Query Match 100.0%; Score 25; DB 3; Length 2307;  
Best Local Similarity 100.0%; Pred. No. 0.051;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACACGGGCACGTGCAATGGCGA 25  
|||||  
Db 2064 CGAACACGGGCACGTGCAATGGCGA 2040

## RESULT 4

US-10-794-514A-396/c  
; Sequence 396, Application US/10794514A  
; Publication No. US20050112134A1  
; GENERAL INFORMATION:  
; APPLICANT: Graddis, Thomas  
; APPLICANT: Laus, Reiner  
; APPLICANT: Diegel, Michael  
; APPLICANT: Vidovic, Damir  
; TITLE OF INVENTION: Compositions and Methods Employing Alternative  
; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of  
; TITLE OF INVENTION: Cancer and Infectious Disease  
; FILE REFERENCE: 11311.1003U  
; CURRENT APPLICATION NUMBER: US/10/794,514A  
; CURRENT FILING DATE: 2004-03-05  
; NUMBER OF SEQ ID NOS: 733  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 396  
; LENGTH: 3153  
; TYPE: DNA  
; ORGANISM: Human  
US-10-794-514A-396

Query Match 100.0%; Score 25; DB 9; Length 3153;  
Best Local Similarity 100.0%; Pred. No. 0.051;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACACGGGCACGTGCAATGGCGA 25  
|||||  
Db 1266 CGAACACGGGCACGTGCAATGGCGA 1242

## RESULT 5

US-10-794-514A-394/c  
; Sequence 394, Application US/10794514A  
; Publication No. US20050112134A1  
; GENERAL INFORMATION:  
; APPLICANT: Graddis, Thomas  
; APPLICANT: Laus, Reiner  
; APPLICANT: Diegel, Michael  
; APPLICANT: Vidovic, Damir  
; TITLE OF INVENTION: Compositions and Methods Employing Alternative  
; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of  
; TITLE OF INVENTION: Cancer and Infectious Disease  
; FILE REFERENCE: 11311.1003U  
; CURRENT APPLICATION NUMBER: US/10/794,514A  
; CURRENT FILING DATE: 2004-03-05  
; NUMBER OF SEQ ID NOS: 733  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 394  
; LENGTH: 3258  
; TYPE: DNA  
; ORGANISM: Human  
US-10-794-514A-394

Query Match 100.0%; Score 25; DB 9; Length 3258;  
Best Local Similarity 100.0%; Pred. No. 0.051;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACACGGGCACGTGCAATGGCGA 25  
|||||  
Db 1435 CGAACACGGGCACGTGCAATGGCGA 1411

## RESULT 6

US-10-363-112-48/c  
; Sequence 48, Application US/10363112  
; Publication No. US20040091964A1  
; GENERAL INFORMATION:  
; APPLICANT: THE AUSTRALIAN NATIONAL UNIVERSITY  
; APPLICANT: BOARD, PHILLIP  
; APPLICANT: HARRIS, MATTHEW  
; TITLE OF INVENTION: MODIFIED PROTEINS, ISOLATED NOVEL PEPTIDES, AND USES THEREOF  
; FILE REFERENCE: 007643-0302189  
; CURRENT APPLICATION NUMBER: US/10/363,112  
; CURRENT FILING DATE: 2003-11-03  
; PRIOR APPLICATION NUMBER: PCT/AU01/01093  
; PRIOR FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: 60/229,663  
; PRIOR FILING DATE: 2000-08-31  
; NUMBER OF SEQ ID NOS: 62  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 48  
; LENGTH: 3825  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (1)..(3825)  
US-10-363-112-48

Query Match 100.0%; Score 25; DB 7; Length 3825;  
Best Local Similarity 100.0%; Pred. No. 0.051;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACACGGGCACGTGCAATGGCGA 25  
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Db 1646 CGAACACGGGCACGTGCAATGGCGA 1622

## RESULT 7

US-10-384-339C-30/c  
; Sequence 30, Application US/10384339C

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; Publication No. US20040175703A1
; GENERAL INFORMATION:
; APPLICANT: Kreutzer, Roland
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF A TARGET GE
; FILE REFERENCE: 20200/2002
; CURRENT APPLICATION NUMBER: US/10/384,339C
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00152
; PRIOR FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: DE 10100586.5
; PRIOR FILING DATE: 2001-01-09
; PRIOR APPLICATION NUMBER: DE 10155280.7
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: DE 10158411.3
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: DE 10160151.4
; PRIOR FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 3840
; TYPE: DNA
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; TITLE: ndr-1
; PATENT DOCUMENT NUMBER: AF016535
US-10-384-339C-30

Query Match          100.0%; Score 25; DB 7; Length 3840;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACCAGGGCACGTGCAATGGCGA 25
Db 1637 CGAACCAGGGCACGTGCAATGGCGA 1613

RESULT 8
US-10-101-433A-1/c
; Sequence 1, Application US/10101433A
; Publication No. US20030119726A1
; GENERAL INFORMATION:
; APPLICANT: Hanscom, Sara
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
; FILE REFERENCE: G00307/70019
; CURRENT APPLICATION NUMBER: US/10/101,433A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: US 60/277,095
; PRIOR FILING DATE: 2001-03-19
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 3852
; TYPE: DNA
; ORGANISM: Macaca mulatta
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(3852)
US-10-101-433A-1

Query Match          100.0%; Score 25; DB 6; Length 3852;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACCAGGGCACGTGCAATGGCGA 25
Db 1649 CGAACCAGGGCACGTGCAATGGCGA 1625

RESULT 9
US-09-866-866A-1/c
; Sequence 1, Application US/09866866A
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; Patent No. US20020102244A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Schuetz, John
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/584,586
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-866A-1

Query Match          100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACCAGGGCACGTGCAATGGCGA 25
Db 1640 CGAACCAGGGCACGTGCAATGGCGA 1616

RESULT 10
US-09-866-866A-3/c
; Sequence 3, Application US/09866866A
; Patent No. US20020102244A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Schuetz, John
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/584,586
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-866-866A-3

Query Match          100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACCAGGGCACGTGCAATGGCGA 25
Db 1640 CGAACCAGGGCACGTGCAATGGCGA 1616

RESULT 11
US-09-880-107-2299/c
; Sequence 2299, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
; APPLICANT: Horne, Darci T.
; APPLICANT: Vockley, Joseph G.
; APPLICANT: Scherf, Uwe
```

APPLICANT: Gene Logic, Inc.  
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer  
; FILE REFERENCE: 44921-5028-WO  
; CURRENT APPLICATION NUMBER: US/09/880,107  
; CURRENT FILING DATE: 2001-06-14  
; PRIOR APPLICATION NUMBER: US 60/211,379  
; PRIOR FILING DATE: 2000-06-14  
; PRIOR APPLICATION NUMBER: US 60/237,054  
; PRIOR FILING DATE: 2000-10-02  
; NUMBER OF SEQ ID NOS: 3950  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 2299  
; LENGTH: 3924  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 M23234  
US-09-880-107-2299

Query Match 100.0%; Score 25; DB 3; Length 3924;  
Best Local Similarity 100.0%; Pred. No. 0.051;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25  
Db 1678 CGAACCCAGGCGACGTGCAATGGCGA 1654

RESULT 12  
US-10-641-643-1168/c  
; Sequence 1168, Application US/10641643  
; Publication No. US20040077003A1  
; GENERAL INFORMATION:  
; APPLICANT: Cocks, Benjamin G.  
; Susan G. Stuart  
; Jeffrey J. Seilhamer  
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL  
; GENE EXPRESSION  
; NUMBER OF SEQUENCES: 1508  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.  
; STREET: 3174 PORTER DRIVE  
; CITY: PALO ALTO  
; STATE: CALIFORNIA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/641,643  
; FILING DATE: 14-Aug-2003  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: <Unknown>  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Zeller, Karen J.  
; REGISTRATION NUMBER: 37,071  
; REFERENCE/DOCKET NUMBER: PA-0001 US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (650) 855-0555  
; TELEFAX: (650) 845-4166  
; INFORMATION FOR SEQ ID NO: 1168:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 3924 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; IMMEDIATE SOURCE:  
; LIBRARY: GENBANK

CLONE: g187501  
; SEQUENCE DESCRIPTION: SEQ ID NO: 1168 :  
US-10-641-643-1168

Query Match 100.0%; Score 25; DB 7; Length 3924;  
Best Local Similarity 100.0%; Pred. No. 0.051;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25  
Db 1678 CGAACCCAGGCGACGTGCAATGGCGA 1654

RESULT 13  
US-10-619-359A-1/c  
; Sequence 1, Application US/10619359A  
; Publication No. US20040077000A1  
; GENERAL INFORMATION:  
; APPLICANT: STOCKER, PENNY J.  
; APPLICANT: STEIMEL-CRESPI, DOROTHY T.  
; APPLICANT: CRESPI, CHARLES L.  
; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF  
; FILE REFERENCE: G00307.70020.US  
; CURRENT APPLICATION NUMBER: US/10/619,359A  
; CURRENT FILING DATE: 2003-07-14  
; PRIOR APPLICATION NUMBER: US 60/156,921  
; PRIOR FILING DATE: 1999-09-28  
; PRIOR APPLICATION NUMBER: US 60/158,818  
; PRIOR FILING DATE: 1999-10-12  
; PRIOR APPLICATION NUMBER: US 09/672,810  
; PRIOR FILING DATE: 2000-09-28  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 1  
; LENGTH: 4186  
; TYPE: DNA  
; ORGANISM: Macaca fascicularis  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: (100)...(3940)  
US-10-619-359A-1

Query Match 100.0%; Score 25; DB 7; Length 4186;  
Best Local Similarity 100.0%; Pred. No. 0.051;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGCGACGTGCAATGGCGA 25  
Db 1739 CGAACCCAGGCGACGTGCAATGGCGA 1715

RESULT 14  
US-10-651-237-53/c  
; Sequence 53, Application US/10651237  
; Publication No. US20050048494A1  
; GENERAL INFORMATION:  
; APPLICANT: Ortho-Clinical Diagnostics, Inc.  
; APPLICANT: Wang, Yixin  
; TITLE OF INVENTION: Colorectal Cancer Prognostics  
; FILE REFERENCE: ADS-5003 US NP  
; CURRENT APPLICATION NUMBER: US/10/651,237  
; CURRENT FILING DATE: 2003-08-27  
; NUMBER OF SEQ ID NOS: 94  
; SOFTWARE: Patent In version 3.1  
; SEQ ID NO 53  
; LENGTH: 4192  
; TYPE: DNA  
; ORGANISM: human  
US-10-651-237-53

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Best Local Similarity 100.0%; Pred. No. 0.051;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCAGGGCAGTGCATGGCGA 25  
 Db 1756 CGAACCAGGGCAGTGCATGGCGA 1732

RESULT 15

US-10-782-413-53/C  
 ; Sequence 53, Application US/10782413  
 ; Publication No. US20050048526A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ortho-Clinical Diagnostics, Inc.  
 ; APPLICANT: Wang, Yixin  
 ; TITLE OF INVENTION: Colorectal Cancer Prognostics  
 ; FILE REFERENCE: VDX-5002 CIP  
 ; CURRENT APPLICATION NUMBER: US/10/782,413  
 ; CURRENT FILING DATE: 2004-02-18  
 ; PRIOR APPLICATION NUMBER: 10/651,237  
 ; PRIOR FILING DATE: 2003-08-28  
 ; NUMBER OF SEQ ID NOS: 94  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 53  
 ; LENGTH: 4192  
 ; TYPE: DNA  
 ; ORGANISM: human  
 US-10-782-413-53

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 Best Local Similarity 100.0%; Pred. No. 0.051;  
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 1756 CGAACCAGGGCAGTGCATGGCGA 1732

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Run on: April 2, 2006, 00:33:54 ; Search time 513.506 Seconds  
(without alignments)  
194.399 Million cell updates/sec

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Perfect score: 25  
Sequence: 1 cgaaccaggacgtgcaatggcga 25

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 9263891 seqs, 1996499642 residues

Total number of hits satisfying chosen parameters: 18527782

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Maximum DB seq length: 2000000000  
Post-processing: Minimum Match 0%  
Maximum Match 100%  
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  - 2: /SIDSS/ptodata/2/pubpna/US06\_NEW\_PUB.seq\*
  - 3: /SIDSS/ptodata/2/pubpna/US07\_NEW\_PUB.seq\*
  - 4: /SIDSS/ptodata/2/pubpna/PCT\_NEW\_PUB.seq\*
  - 5: /SIDSS/ptodata/2/pubpna/US09\_NEW\_PUB.seq\*
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  - 7: /SIDSS/ptodata/2/pubpna/US10\_NEW\_PUB.seq\*
  - 8: /SIDSS/ptodata/2/pubpna/US10\_NEW\_PUB.seq1\*
  - 9: /SIDSS/ptodata/2/pubpna/US10\_NEW\_PUB.seq2\*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 1	25	100.0	4192	7	US-10-782-413-53
C 2	25	100.0	4192	8	US-10-826-585-36
C 3	25	100.0	4646	8	US-10-775-169-198
C 4	25	100.0	4646	14	US-11-045-578-5
C 5	21.8	87.2	4282	14	US-11-128-061-452
C 6	21.8	87.2	4282	14	US-11-128-049-452
C 7	21.8	87.2	4305	14	US-11-128-061-465
C 8	21.8	87.2	4305	14	US-11-128-049-465
C 9	20.2	80.8	3990	14	US-11-136-527-2089
C 10	20.2	80.8	4437	14	US-11-136-527-3399
C 11	20.2	80.8	5133	14	US-11-136-527-698
C 12	19.2	76.8	4299	11	US-11-114-962-11
C 13	18.6	74.4	549	6	US-09-925-065A-328836
C 14	18.6	74.4	562	10	US-10-301-480-402770
C 15	18.6	74.4	562	10	US-10-301-480-1016179
C 16	18.6	74.4	3958	14	US-11-128-061-455
C 17	18.6	74.4	3958	14	US-11-128-049-455
C 18	18.2	72.8	933	10	US-10-301-480-604219

C 19	18.2	72.8	933	10	US-10-301-480-1217628
C 20	18.2	72.8	1764	13	US-11-082-389-181
C 21	18.2	72.8	3974	14	US-11-136-527-2534
C 22	17.8	71.2	568	6	US-09-925-065A-652779
C 23	17.8	71.2	570	6	US-09-925-065A-123105
C 24	17.8	71.2	570	6	US-09-925-065A-220429
C 25	17.6	70.4	1626	9	US-10-932-182A-2084
C 26	17.6	70.4	1626	9	US-10-932-182A-2084
C 27	17.6	70.4	4293	11	US-11-114-962-6
C 28	17.6	70.4	8268	14	US-11-136-527-3386
C 29	17.6	70.4	37507	8	US-10-522-037-2
C 30	17.2	68.8	565	6	US-09-925-065A-389306
C 31	17.2	68.8	565	6	US-09-925-065A-389307
C 32	17.2	68.8	575	10	US-10-301-480-457682
C 33	17.2	68.8	575	10	US-10-301-480-457682
C 34	17.2	68.8	575	10	US-10-301-480-1071091
C 35	17.2	68.8	575	10	US-10-301-480-1071092
C 36	17.2	68.8	619	6	US-09-925-065A-478825
C 37	17.2	68.8	693	8	US-10-467-657-4885
C 38	17.2	68.8	2090	14	US-11-128-061-1016
C 39	17.2	68.8	2090	14	US-11-128-049-1016
C 40	17	68.0	512	10	US-10-301-480-357073
C 41	17	68.0	512	10	US-10-301-480-357074
C 42	17	68.0	512	10	US-10-301-480-970482
C 43	17	68.0	512	10	US-10-301-480-970483
C 44	17	68.0	514	6	US-09-925-065A-280109
C 45	17	68.0	514	6	US-09-925-065A-280110

ALIGNMENTS

RESULT 1

US-10-782-413-53/c  
; Sequence 53, Application US/10782413  
; Publication No. US20060063157A9  
; GENERAL INFORMATION:  
; APPLICANT: Wang, Yixin  
; APPLICANT: Ortho-Clinical Diagnostics, Inc.  
; TITLE OF INVENTION: Colorectal Cancer Prognostics  
; FILE REFERENCE: VDX-5002 CIP  
; CURRENT APPLICATION NUMBER: US/10782,413  
; CURRENT FILING DATE: 2004-02-18  
; PRIOR APPLICATION NUMBER: 10/651,237  
; PRIOR FILING DATE: 2003-08-28  
; NUMBER OF SEQ ID NOS: 94  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 53  
; LENGTH: 4192  
; TYPE: DNA  
; ORGANISM: human  
US-10-782-413-53

Query Match 100.0%; Score 25; DB 7; Length 4192;  
Best Local Similarity 100.0%; Pred. No. 0.041;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CGAACCCAGGCGACGTGCAATGGCGA 25  
Db 1756 CGAACCCAGGCGACGTGCAATGGCGA 1732

RESULT 2

US-10-826-585-36/c  
; Sequence 36, Application US/10826585  
; Publication No. US200600008807A1  
; GENERAL INFORMATION:  
; APPLICANT: Immunivest Corporation  
; APPLICANT: O'Hara, Shawn Mark  
; APPLICANT: Foulk, Brad  
; APPLICANT: Zweitsig, Daniel  
; TITLE OF INVENTION: Multiparameter analysis of comprehensive nucleic acids and morphological features on the same sample

; FILE REFERENCE: IMMC 143 PCT/US  
; CURRENT APPLICATION NUMBER: US/10/826,585  
; PRIOR FILING DATE: 2004-04-16  
; PRIOR APPLICATION NUMBER: 60/359945  
; PRIOR FILING DATE: 2002-04-04  
; PRIOR APPLICATION NUMBER: 60/330669  
; PRIOR FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: PCT/US02/26867  
; PRIOR FILING DATE: 2002-08-23  
; NUMBER OF SEQ ID NOS: 131  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 36  
; LENGTH: 4192  
; TYPE: DNA  
; ORGANISM: Human  
US-10-826-585-36

Query Match 100.0%; Score 25; DB 9; Length 4192;  
Best Local Similarity 100.0%; Pred. No. 0.041;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGGCAGTGCATGGCGA 25  
Db 1756 CGAACCCAGGGCAGTGCATGGCGA 1732

RESULT 3

US-10-775-169-198/c  
; Sequence 198, Application US/10775169  
; Publication No. US20050287532A9  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: Burczynski, Michael  
; APPLICANT: Twine, Natalie  
; APPLICANT: Dörner, Andrew  
; APPLICANT: Trepicchio, William  
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo  
; FILE REFERENCE: AM101080 (031896-013000)  
; CURRENT APPLICATION NUMBER: US/10/775,169  
; CURRENT FILING DATE: 2004-02-11  
; NUMBER OF SEQ ID NOS: 5278  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 198  
; LENGTH: 4646  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-775-169-198

Query Match 100.0%; Score 25; DB 8; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.041;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGGCAGTGCATGGCGA 25  
Db 2064 CGAACCCAGGGCAGTGCATGGCGA 2040

RESULT 4

US-11-045-578-5/c  
; Sequence 5, Application US/11045578  
; Publication No. US20060024685A1  
; GENERAL INFORMATION:  
; APPLICANT: HO, Rodney J.Y.  
; APPLICANT: YANG, Ziping  
; APPLICANT: SHEN, Danny D.  
; APPLICANT: WU, Daniel  
; TITLE OF INVENTION: NOVEL SEQUENCE VARIANTS OF MULTI-DRUG RESISTANCE GENES, MDR1 AND  
; TITLE OF INVENTION: MRP1, AND RECOMBINANT CELLS EXPRESSING MRP1 AND MDR1 FOR  
; FILE REFERENCE: 016336-0025100S  
; CURRENT APPLICATION NUMBER: US/11/045,578  
; CURRENT FILING DATE: 2005-01-26  
; PRIOR APPLICATION NUMBER: US 60/539,362

; PRIOR FILING DATE: 2004-01-26  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 5  
; LENGTH: 4646  
; TYPE: DNA  
; ORGANISM: human MDRI  
US-11-045-578-5

Query Match 100.0%; Score 25; DB 14; Length 4646;  
Best Local Similarity 100.0%; Pred. No. 0.041;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGAACCCAGGGCAGTGCATGGCGA 25  
Db 2064 CGAACCCAGGGCAGTGCATGGCGA 2040

RESULT 5

US-11-128-061-452/c  
; Sequence 452, Application US/11128061  
; Publication No. US20060003958A1  
; GENERAL INFORMATION:  
; APPLICANT: Melville, Mark W.  
; APPLICANT: Charlebois, Timothy S.  
; APPLICANT: Mounts, William M.  
; APPLICANT: Hann, Louane E.  
; APPLICANT: Sinacore, Martin S.  
; APPLICANT: Leonard, Mark W.  
; APPLICANT: Brown, Eugene L.  
; APPLICANT: Miller, Christopher P.  
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS  
; TITLE OF INVENTION: TO MONITOR GENE EXPRESSION  
; FILE REFERENCE: 01997.027701  
; CURRENT APPLICATION NUMBER: US/11/128,061  
; CURRENT FILING DATE: 2005-05-11  
; PRIOR APPLICATION NUMBER: US 60/570,425  
; PRIOR FILING DATE: 2004-05-11  
; NUMBER OF SEQ ID NOS: 7285  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 452  
; LENGTH: 4282  
; TYPE: DNA  
; ORGANISM: Cricetulus griseus  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (82)..(102)  
; OTHER INFORMATION: n is a, c, g, or t  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (762)..(778)  
; OTHER INFORMATION: n is a, c, g, or t  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (1696)..(1756)  
; OTHER INFORMATION: n is a, c, g, or t  
US-11-128-061-452

Query Match 87.2%; Score 21.8; DB 14; Length 4282;  
Best Local Similarity 92.0%; Pred. No. 1.4;  
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CGAACCCAGGGCAGTGCATGGCGA 25  
Db 1647 CGGACCCAGGGCAGGACGATGGCGA 1623

RESULT 6

US-11-128-049-452/c  
; Sequence 452, Application US/11128049  
; Publication No. US20060010513A1  
; GENERAL INFORMATION:  
; APPLICANT: Melville, Mark W.



```

; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 452
; LENGTH: 4282
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; NAME/KEY: misc feature
; LOCATION: (82)..(102)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (762)..(778)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1698)..(1756)
; OTHER INFORMATION: n is a, c, g, or t
; US-11-128-049-452

Query Match      87.2%; Score 21.8; DB 14; Length 4282;
Best Local Similarity 92.0%; Pred. No. 1.4;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CGAACCCAGGCGCAGTGCATGGCGA 25
Db 1647 CGGACCCAGGCGCAGGCAATGGCGA 1623

RESULT 7
US-11-128-061-465/c
; Sequence 465, Application US/11128061
; Publication No. US20060003958A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES RELATED TO OLIGONUCLEOTIDE ARRAYS
; FILE REFERENCE: 01997.027701
; CURRENT APPLICATION NUMBER: US/11/128,061
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 465
; LENGTH: 4305
; TYPE: DNA
; ORGANISM: Cricetulus sp.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (857)..(873)
; OTHER INFORMATION: n is a, c, g, or t

US-11-128-061-465/c
Query Match      87.2%; Score 21.8; DB 14; Length 4305;
Best Local Similarity 92.0%; Pred. No. 1.4;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CGAACCCAGGCGCAGTGCATGGCGA 25
Db 1647 CGGACCCAGGCGCAGGCAATGGCGA 1623

RESULT 8
US-11-128-049-465/c
; Sequence 465, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 465
; LENGTH: 4305
; TYPE: DNA
; ORGANISM: Cricetulus sp.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (857)..(873)
; OTHER INFORMATION: n is a, c, g, or t

US-11-128-049-465
Query Match      87.2%; Score 21.8; DB 14; Length 4305;
Best Local Similarity 92.0%; Pred. No. 1.4;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CGAACCCAGGCGCAGTGCATGGCGA 25
Db 1742 CGGACCCAGGCGCAGGCAATGGCGA 1718

RESULT 9
US-11-136-527-2089/c
; Sequence 2089, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M.
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2089
; LENGTH: 3990
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; US-11-136-527-2089
```

```

US-11-128-061-465
Query Match      87.2%; Score 21.8; DB 14; Length 4305;
Best Local Similarity 92.0%; Pred. No. 1.4;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CGAACCCAGGCGCAGTGCATGGCGA 25
Db 1742 CGGACCCAGGCGCAGGCAATGGCGA 1718

RESULT 8
US-11-128-049-465/c
; Sequence 465, Application US/11128049
; Publication No. US20060010513A1
; GENERAL INFORMATION:
; APPLICANT: Melville, Mark W.
; APPLICANT: Charlebois, Timothy S.
; APPLICANT: Mounts, William M.
; APPLICANT: Hann, Louane E.
; APPLICANT: Sinacore, Martin S.
; APPLICANT: Leonard, Mark W.
; APPLICANT: Brown, Eugene L.
; APPLICANT: Miller, Christopher P.
; TITLE OF INVENTION: OLIGONUCLEOTIDE ARRAYS TO MONITOR GENE EXPRESSION AND METHODS FOR
; FILE REFERENCE: 01997.027700
; CURRENT APPLICATION NUMBER: US/11/128,049
; CURRENT FILING DATE: 2005-05-11
; PRIOR APPLICATION NUMBER: US 60/570,425
; PRIOR FILING DATE: 2004-05-11
; NUMBER OF SEQ ID NOS: 7285
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 465
; LENGTH: 4305
; TYPE: DNA
; ORGANISM: Cricetulus sp.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (857)..(873)
; OTHER INFORMATION: n is a, c, g, or t

US-11-128-049-465
Query Match      87.2%; Score 21.8; DB 14; Length 4305;
Best Local Similarity 92.0%; Pred. No. 1.4;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CGAACCCAGGCGCAGTGCATGGCGA 25
Db 1742 CGGACCCAGGCGCAGGCAATGGCGA 1718

RESULT 9
US-11-136-527-2089/c
; Sequence 2089, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M.
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2089
; LENGTH: 3990
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; US-11-136-527-2089
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Query Match 80.8%; Score 20.2; DB 14; Length 3990;  
Best Local Similarity 88.0%; Pred. No. 7.9;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CGAACCAAGGCGACGTGCAATGGCGA 25  
Db 1669 CGGACCAAGGCGACGAGCAATGGCGA 1645

## RESULT 10

US-11-136-527-3399/c  
; Sequence 3399, Application US/11136527  
; Publication No. US20050287570A1

## GENERAL INFORMATION:

; APPLICANT: Wyeth  
; APPLICANT: Mounts, William M  
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes  
; FILE REFERENCE: 031896-041000 (AM101086)  
; CURRENT APPLICATION NUMBER: US/11/136,527  
; CURRENT FILING DATE: 2005-05-25  
; PRIOR APPLICATION NUMBER: US 60/574,294  
; PRIOR FILING DATE: 2005-05-26  
; NUMBER OF SEQ ID NOS: 362830  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 3399  
; LENGTH: 4437  
; TYPE: DNA  
; ORGANISM: Rattus norvegicus  
US-11-136-527-3399

Query Match 80.8%; Score 20.2; DB 14; Length 4437;  
Best Local Similarity 88.0%; Pred. No. 8;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CGAACCAAGGCGACGTGCAATGGCGA 25  
Db 1739 CGGACCAAGGCGCGGCAATGGCGA 1715

## RESULT 11

US-11-136-527-698/c  
; Sequence 698, Application US/11136527  
; Publication No. US20050287570A1

## GENERAL INFORMATION:

; APPLICANT: Wyeth  
; APPLICANT: Mounts, William M  
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes  
; FILE REFERENCE: 031896-041000 (AM101086)  
; CURRENT APPLICATION NUMBER: US/11/136,527  
; CURRENT FILING DATE: 2005-05-25  
; PRIOR APPLICATION NUMBER: US 60/574,294  
; PRIOR FILING DATE: 2005-05-26  
; NUMBER OF SEQ ID NOS: 362830  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 698  
; LENGTH: 5133  
; TYPE: DNA  
; ORGANISM: Rattus norvegicus  
US-11-136-527-698

Query Match 80.8%; Score 20.2; DB 14; Length 5133;  
Best Local Similarity 88.0%; Pred. No. 8.1;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CGAACCAAGGCGACGTGCAATGGCGA 25  
Db 1907 CGGACCAAGGCGCGGCAATGGCGA 1883

## RESULT 12

US-11-114-962-11  
; Sequence 11, Application US/11114962  
; Publication No. US20060030694A1

; GENERAL INFORMATION:  
; APPLICANT: Kitajewski, Jan  
; APPLICANT: Shawber, Carrie  
; APPLICANT: Funahashi, Yasuhiro  
; TITLE OF INVENTION: Notch-Based Fusion Proteins And Uses Thereof  
; FILE REFERENCE: 0575/71308-A  
; CURRENT APPLICATION NUMBER: US/11/114,962  
; CURRENT FILING DATE: 2005-04-26  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 11  
; LENGTH: 4299  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-11-114-962-11

Query Match 76.8%; Score 19.2; DB 11; Length 4299;  
Best Local Similarity 87.5%; Pred. No. 24;  
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 GAACCAAGGCGACGTGCAATGGCGA 25  
Db 2403 GAACCAAGGCGACGTGTATTGACGA 2426

## RESULT 13

US-09-925-065A-328836  
; Sequence 328836, Application US/09925065A  
; Publication No. US20040181048A1

## GENERAL INFORMATION:

; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single  
; FILE REFERENCE: 108827.135  
; CURRENT APPLICATION NUMBER: US/09/925,065A  
; CURRENT FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: US 60/243,096  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 60/252,147  
; PRIOR FILING DATE: 2000-11-20  
; PRIOR APPLICATION NUMBER: US 60/250,092  
; PRIOR FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 60/261,766  
; PRIOR FILING DATE: 2001-01-16  
; PRIOR APPLICATION NUMBER: US 60/289,846  
; PRIOR FILING DATE: 2001-05-09  
; NUMBER OF SEQ ID NOS: 957086  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 328836  
; LENGTH: 549  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-925-065A-328836

Query Match 74.4%; Score 18.6; DB 6; Length 549;  
Best Local Similarity 84.0%; Pred. No. 40;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 CGAACCAAGGCGACGTGCAATGGCGA 25  
Db 403 CAACCAAGGCGACGTGCAATGGCGA 427

## RESULT 14

US-10-301-480-402770  
; Sequence 402770, Application US/10301480  
; Publication No. US20060057564A1

## GENERAL INFORMATION:

; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms  
; FILE REFERENCE: 108827.137  
; CURRENT APPLICATION NUMBER: US/10/301,480

; CURRENT FILING DATE: 2002-11-21  
; PRIOR APPLICATION NUMBER: US 10/215,598  
; PRIOR FILING DATE: 2002-08-09  
; PRIOR APPLICATION NUMBER: US 60/311,695  
; PRIOR FILING DATE: 2001-08-10  
; NUMBER OF SEQ ID NOS: 1226818  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 402770  
; LENGTH: 562  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-301-480-402770

Query Match 74.4%; Score 18.6; DB 10; Length 562;  
Best Local Similarity 84.0%; Pred. No. 41;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
  
Qy 1 CGAACCGGGCAGTGCATGGCGA 25  
Db 403 CAACCGGGCAGTGCATGGCGA 427

RESULT 15  
US-10-301-480-1016179  
; Sequence 1016179, Application US/10301480  
; Publication No. US20060057564A1  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms  
; FILE REFERENCE: 108827.137  
; CURRENT APPLICATION NUMBER: US/10/301,480  
; CURRENT FILING DATE: 2002-11-21  
; PRIOR APPLICATION NUMBER: US 10/215,598  
; PRIOR FILING DATE: 2002-08-09  
; PRIOR APPLICATION NUMBER: US 60/311,695  
; PRIOR FILING DATE: 2001-08-10  
; NUMBER OF SEQ ID NOS: 1226818  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1016179  
; LENGTH: 562  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-301-480-1016179

Query Match 74.4%; Score 18.6; DB 10; Length 562;  
Best Local Similarity 84.0%; Pred. No. 41;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
  
Qy 1 CGAACCGGGCAGTGCATGGCGA 25  
Db 403 CAACCGGGCAGTGCATGGCGA 427

Search completed: April 2, 2006, 01:44:35  
Job time : 513.506 secs

**This Page Blank (uspto)**

GenCore version 5.1.7  
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM nucleic - nucleic search, using sw model

Run on: April 1, 2006, 18:15:44 ; Search time 78.4883 Seconds  
(without alignments)  
566.476 Million cell updates/sec

Title: US-10-007-255-15

Perfect score: 25

Sequence: 1 gctgtgtatccagcactctctac 25

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA.\*  
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2: /cgn2\_6/ptodata/1/ina/5 COMB.seq.\*  
3: /cgn2\_6/ptodata/1/ina/6A COMB.seq.\*  
4: /cgn2\_6/ptodata/1/ina/6B COMB.seq.\*  
5: /cgn2\_6/ptodata/1/ina/H COMB.seq.\*  
6: /cgn2\_6/ptodata/1/ina/PCTUS COMB.seq.\*  
7: /cgn2\_6/ptodata/1/ina/PP COMB.seq.\*  
8: /cgn2\_6/ptodata/1/ina/RE COMB.seq.\*  
9: /cgn2\_6/ptodata/1/ina/backfiles1.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	25	100.0	2726	2	US-08-461-823-1
C 2	25	100.0	3860	3	US-09-584-586-1
C 3	25	100.0	3860	3	US-09-584-586-3
C 4	25	100.0	3988	3	US-09-762-195-1
C 5	25	100.0	4264	2	US-08-784-649A-1
C 6	25	100.0	4264	2	US-08-784-649A-5
C 7	25	100.0	4646	3	US-08-181-471-2
C 8	25	100.0	4646	3	US-09-023-655-1167
C 9	25	100.0	4669	3	US-08-752-447-1
C 10	25	100.0	4669	3	US-09-316-167-1
C 11	25	100.0	4669	3	US-09-397-233-1
C 12	25	100.0	4669	9	US206352-3
C 13	25	100.0	6505	2	US-08-793-610-5
C 14	25	100.0	8630	3	US-09-306-417-1
C 15	25	100.0	8630	3	US-09-306-417-2
C 16	25	100.0	9318	2	US-08-793-610-6
C 17	24	96.0	3852	3	US-10-101-433A-1
C 18	24	96.0	4186	3	US-09-672-810-1
C 19	24	96.0	4195	3	US-09-672-810-3
C 20	23.4	93.6	4669	2	US-08-583-276-18
C 21	17.6	70.4	175236	3	US-09-949-016-14353
C 22	17	68.0	601	3	US-09-949-016-14353
C 23	17	68.0	606	3	US-09-252-991A-3463
C 24	17	68.0	1713	3	US-09-252-991A-3439

C 25	17	68.0	2112	3	US-09-252-991A-3494	Sequence 3494, Ap
C 26	17	68.0	2127	3	US-09-252-991A-3450	Sequence 3450, Ap
C 27	17	68.0	24204	3	US-09-949-016-16232	Sequence 16232, A
C 28	17	68.0	247781	3	US-09-949-016-14193	Sequence 14193, A
C 29	16.6	66.4	601	3	US-09-949-016-205911	Sequence 205911, A
C 30	16.6	66.4	601	3	US-09-949-016-205912	Sequence 205912, A
C 31	16.6	66.4	57761	3	US-09-949-016-13429	Sequence 13429, A
C 32	16.6	66.4	74644	3	US-09-949-016-17556	Sequence 17556, A
C 33	16.2	64.8	246	3	US-09-252-991A-11850	Sequence 11850, A
C 34	16.2	64.8	601	3	US-09-949-016-174875	Sequence 174875, A
C 35	16.2	64.8	601	3	US-09-949-016-174876	Sequence 174876, A
C 36	16.2	64.8	792	3	US-09-252-991A-11705	Sequence 11705, A
C 37	16.2	64.8	876	3	US-09-252-991A-11783	Sequence 11783, A
C 38	16.2	64.8	975	3	US-09-252-991A-11651	Sequence 11651, A
C 39	16.2	64.8	1083	3	US-09-252-991A-11533	Sequence 11533, A
C 40	16.2	64.8	16373	3	US-09-949-016-12820	Sequence 12820, A
C 41	16.2	64.8	16373	3	US-09-949-016-16897	Sequence 16897, A
C 42	16.2	64.8	45840	3	US-09-949-016-13903	Sequence 13903, A
C 43	16.2	64.8	45840	3	US-09-949-016-15042	Sequence 15042, A
C 44	16.2	64.8	46559	3	US-09-949-016-15043	Sequence 15043, A
C 45	16.2	64.8	49971	3	US-09-949-016-16688	Sequence 16688, A

#### ALIGNMENTS

RESULT 1  
US-08-461-823-1/c  
; Sequence 1, Application US/08461823  
; Patent No. 5593840  
; GENERAL INFORMATION:  
; APPLICANT: Bhatnagar, Satish K.  
; APPLICANT: George Jr., Albert L.  
; APPLICANT: Nazarenko, Irina  
; TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACID SEQUENCES  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: OncorPharm, Inc.  
; STREET: 200 Perry Parkway  
; CITY: Gaithersburg  
; STATE: Maryland  
; COUNTRY: USA  
; ZIP: 20877  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/461,823  
; FILING DATE: 05-JUN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/168,621  
; FILING DATE: 16-DEC-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/010,433  
; FILING DATE: 27-JAN-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kartta, Glenn E.  
; REGISTRATION NUMBER: 30,649  
; REFERENCE/DOCKET NUMBER: PA-0012 CIP 2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 301 527-2058  
; TELEFAX: 301 208-6997  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 2726 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO

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; ANTI-SENSE: NO
US-08-461-823-1

Query Match      100.0%; Score 25; DB 2; Length 2726;
Best Local Similarity 100.0%; Pred. No. 0.017;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
    |||||
Db 534 GCTTGTGATCCACGGACACTCTCTAC 510

RESULT 2
US-09-584-586-1/c
; Sequence 1, Application US/09584586
; Patent No. 6933150
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Bunting, Kevin
; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANS-DUCED WITH
; TITLE OF INVENTION: MDR-1 METHODS OF USE THEREOF
; FILE REFERENCE: 1340-1-021CIP
; CURRENT APPLICATION NUMBER: US/09/584,586
; CURRENT FILING DATE: 2000-05-31
; EARLIER APPLICATION NUMBER: US 60/086,988
; EARLIER FILING DATE: 1998-05-28
; EARLIER APPLICATION NUMBER: PCT/US99/11825
; EARLIER FILING DATE: 1999-05-27
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Human MDR 185-G
US-09-584-586-1

Query Match      100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.017;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
    |||||
Db 2030 GCTTGTGATCCACGGACACTCTCTAC 2006

RESULT 3
US-09-584-586-3/c
; Sequence 3, Application US/09584586
; Patent No. 6933150
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Bunting, Kevin
; TITLE OF INVENTION: EXPANSION OF HEMATOPOIETIC STEM CELLS TRANS-DUCED WITH
; TITLE OF INVENTION: MDR-1 METHODS OF USE THEREOF
; FILE REFERENCE: 1340-1-021CIP
; CURRENT APPLICATION NUMBER: US/09/584,586
; CURRENT FILING DATE: 2000-05-31
; EARLIER APPLICATION NUMBER: US 60/086,988
; EARLIER FILING DATE: 1998-05-28
; EARLIER APPLICATION NUMBER: PCT/US99/11825
; EARLIER FILING DATE: 1999-05-27
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Human MDR 185-V
US-09-584-586-3
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Query Match      100.0%; Score 25; DB 3; Length 3860;
Best Local Similarity 100.0%; Pred. No. 0.017;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
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Db 2030 GCTTGTGATCCACGGACACTCTCTAC 2006

RESULT 4
US-09-762-195-1/c
; Sequence 1, Application US/09762195
; Patent No. 6677319
; GENERAL INFORMATION:
; APPLICANT: Stremmel, Wolfgang
; TITLE OF INVENTION: Phosphatidylcholine as Medication with
; TITLE OF INVENTION: Protective Effect on Large Intestinal Mucosa
; FILE REFERENCE: 34691/208520
; CURRENT APPLICATION NUMBER: US/09/762,195
; CURRENT FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: PCT/EP99/02426
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 198 35 526 2 DE
; PRIOR FILING DATE: 1998-08-06
; PRIOR APPLICATION NUMBER: 198 57 570.8 DE
; PRIOR FILING DATE: 1998-12-15
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 3988
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-762-195-1

Query Match      100.0%; Score 25; DB 3; Length 3988;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
    |||||
Db 2096 GCTTGTGATCCACGGACACTCTCTAC 2072

RESULT 5
US-08-784-649A-1/c
; Sequence 1, Application US/08784649A
; Patent No. 5830697
; GENERAL INFORMATION:
; APPLICANT: Sikic, Branimir I
; APPLICANT: Chen, Gang
; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO
; TITLE OF INVENTION: CYCLOSPORIN MODULATION
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Fish & Richardson
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/784,649A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: Reg.No. 5830697 36,677
; REFERENCE/DOCKET NUMBER: 06037/007001
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; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4264 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-784-649A-1

Query Match 100.0%; Score 25; DB 2; Length 4264;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTTAC 25
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Db 2168 GCTTGTGATCCACGGACACTCTTAC 2144

RESULT 6
US-08-784-649A-5/c
; Sequence 5, Application US/08784649A
; Patent No. 5830697
; GENERAL INFORMATION:
; APPLICANT: Sikic, Branimir I
; APPLICANT: Chen, Gang
; TITLE OF INVENTION: P-GLYCOPROTEIN MUTANT RESISTANT TO
; TITLE OF INVENTION: CYCLOSPORIN MODULATION
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 2200 Sand Hill Road
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/784,649A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J
; REGISTRATION NUMBER: Reg.No. 5830697 36,677
; REFERENCE/DOCKET NUMBER: 06037/007001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4264 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-784-649A-5

Query Match 100.0%; Score 25; DB 2; Length 4264;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTTAC 25
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Db 2168 GCTTGTGATCCACGGACACTCTTAC 2144

RESULT 7

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US-08-181-471-2/c
; Sequence 2, Application US/08181471
; Patent No. 5641508
; GENERAL INFORMATION:
; APPLICANT: Li, Lingna
; APPLICANT: Lishko, Valeryl K.
; TITLE OF INVENTION: METHOD FOR DELIVERING BENEFICIAL
; TITLE OF INVENTION: COMPOSITIONS TO HAIR FOLLICLES
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thomas Fitting
; STREET: 12526 High Bluff Drive, Suite 300
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92130
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/181,471
; FILING DATE: 13-JAN-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/041,553
; FILING DATE: 02-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: ANT0029P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-792-3680
; TELEFAX: 619-792-8477
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4646 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4267
US-08-181-471-2

Query Match 100.0%; Score 25; DB 2; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTTAC 25
|||||
Db 2454 GCTTGTGATCCACGGACACTCTTAC 2430

RESULT 8
US-09-023-655-1167/c
; Sequence 1167, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Sellhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO

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/ STATE: CALIFORNIA
/ COUNTRY: USA
/ ZIP: 94304
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/023,655
/ FILING DATE: HEREWITH
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Zeller, Karen J.
/ REGISTRATION NUMBER: 37,071
/ REFERENCE/DOCKET NUMBER: PA-0001 US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (650) 855-0555
/ TELEFAX: (650) 845-4166
/ INFORMATION FOR SEQ ID NO: 1167:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 4646 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ IMMEDIATE SOURCE:
/ LIBRARY: GENBANK
/ CLONE: g187468
/ US-09-023-655-1167

Query Match 100.0%; Score 25; DB 3; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTCTAC 25
Db 2454 GCTTGTGATCCACGGACACTCTCTAC 2430

RESULT 9
US-08-752-447-1/c
/ Sequence 1, Application US/08752447
/ Patent No. 5994088
/ GENERAL INFORMATION:
/ APPLICANT: Mechetner, Eugene
/ APPLICANT: Roninson, Igor B
/ TITLE OF INVENTION: Methods and Reagents for Preparing and
/ TITLE OF INVENTION: Using Immunoligal Agents Specific for P-glycoprotein
/ NUMBER OF SEQUENCES: 2
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff Ltd.
/ STREET: 300 South Wacker Drive, Seventh Floor
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/752,447
/ FILING DATE: 15-NOV-1996
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: No. 5994088nan, Kevin E
/ REGISTRATION NUMBER: 35,303
/ REFERENCE/DOCKET NUMBER: 95,1121
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/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 312-913-0001
/ TELEFAX: 312-913-9808
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 4669 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ FEATURE:
/ NAME/KEY: 5'UTR
/ LOCATION: 1..424
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 425..4264
/ FEATURE:
/ NAME/KEY: 3'UTR
/ LOCATION: 4265..4669
/ US-08-752-447-1

Query Match 100.0%; Score 25; DB 2; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTCTAC 25
Db 2454 GCTTGTGATCCACGGACACTCTCTAC 2430

RESULT 10
US-09-316-167-1/c
/ Sequence 1, Application US/09316167
/ Patent No. 6365357
/ GENERAL INFORMATION:
/ APPLICANT: Mechetner, Eugene
/ APPLICANT: Roninson, Igor B
/ TITLE OF INVENTION: Methods and Reagents for Preparing and
/ TITLE OF INVENTION: Using Immunoligal Agents Specific for P-glycoprotein
/ NUMBER OF SEQUENCES: 2
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff Ltd.
/ STREET: 300 South Wacker Drive, Seventh Floor
/ CITY: Chicago
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/316,167
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/752,447
/ FILING DATE: 15-NOV-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: No. 6365357nan, Kevin E
/ REGISTRATION NUMBER: 35,303
/ REFERENCE/DOCKET NUMBER: 95,1121
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 312-913-0001
/ TELEFAX: 312-913-9808
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 4669 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
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; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: 1..424
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4264
; FEATURE:
; NAME/KEY: 3'UTR
; LOCATION: 4265..4669
US-09-316-167-1

Query Match      100.0%; Score 25; DB 3; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
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DB 2454 GCTTGTGATCCACGGACACTCTCTAC 2430

RESULT 11
US-09-397-233-1/c
; Sequence 1, Application US/09397233
; Patent No. 6630327
; GENERAL INFORMATION:
; APPLICANT: Mechnetr, Eugene
;              Roninson, Igor B
; TITLE OF INVENTION: Methods and Reagents for Preparing and
;                   Using Immunological Agents Specific for P-glycoprotein
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/397,233
; FILING DATE: 16-Sep-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6630327nan, Kevin B
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 95,1121-C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-913-0001
; TELEFAX: 312-913-0002
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4669 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: 1..424
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 425..4264
; FEATURE:
; NAME/KEY: 3'UTR
; LOCATION: 4265..4669
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-397-233-1

Query Match      100.0%; Score 25; DB 3; Length 4669;

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Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
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DB 2454 GCTTGTGATCCACGGACACTCTCTAC 2430

RESULT 12
5206352-3/c
; Patent No. 5206352
; APPLICANT: Roninson, Igor B.; Pastan Ira H.; Gottesman,
; Michael M.
; TITLE OF INVENTION: COMPOSITIONS FOR CLONES CONTAINING DNA
; SEQUENCES ASSOCIATED WITH MULTIDRUG RESISTANCE IN HUMAN CELLS
; NUMBER OF SEQUENCES: 4
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/622,836
; FILING DATE: 24-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 892,575
; FILING DATE: 01-AUG-1986
; APPLICATION NUMBER: 845,610
; FILING DATE: 28-MAR-1986
; SEQ ID NO:3:
; LENGTH: 4669
5206352-3

Query Match      100.0%; Score 25; DB 9; Length 4669;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
    |||||
DB 2454 GCTTGTGATCCACGGACACTCTCTAC 2430

RESULT 13
US-08-793-610-5/c
; Sequence 5, Application US/08793610
; Patent No. 5858744
; GENERAL INFORMATION:
; APPLICANT: BAUM, Christopher
; APPLICANT: STOCKING-HARBERS, Carol
; APPLICANT: OSTERTAG, Wolfram
; TITLE OF INVENTION: RETROVIRAL VECTOR HYBRIDS AND THE USE THEREOF
; TITLE OF INVENTION: FOR GENE TRANSFER
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
; STREET: 655 Fifteenth Street N.W. Suite 330
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/793,610
; FILING DATE: 07-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 44 31 973.8
; FILING DATE: 08-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 195 03 952.1
; FILING DATE: 07-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP95/03175
; FILING DATE: 10-AUG-1995
; ATTORNEY/AGENT INFORMATION:

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; NAME: Berman, Richard J.
; REGISTRATION NUMBER: 39,105
; REFERENCE/DOCKET NUMBER: P1614-7007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-5000
; TELEFAX: (202)638-4810
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6505 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: circular
; MOLECULE TYPE: DNA
; US-08-793-610-5

Query Match 100.0%; Score 25; DB 2; Length 6505;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTGTGATCCACGGACACTCTTAC 25
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DB 3846 GCTGTGATCCACGGACACTCTTAC 3822

RESULT 14
US-09-306-417-1/c
; Sequence 1, Application US/09306417
; Patent No. 6548301
; GENERAL INFORMATION:
; APPLICANT: Heinrich-Pette-Institut
; TITLE OF INVENTION: Retroviral Gene Transfer Vectors
; FILE REFERENCE: P50491
; CURRENT APPLICATION NUMBER: US/09/306,417
; CURRENT FILING DATE: 1999-05-06
; EARLIER APPLICATION NUMBER: DE 198 22 115
; EARLIER FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 8630
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: proviral
; OTHER INFORMATION: plasmid DNA
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(160)
; OTHER INFORMATION: plasmid backbone (pUC)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (161)..(677)
; OTHER INFORMATION: 5'-LTR
; FEATURE:
; NAME/KEY: 5'UTR
; LOCATION: (532)..(1219)
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: (1220)..(5062)
; OTHER INFORMATION: m4 mdr-1 cDNA
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (5215)..(5774)
; OTHER INFORMATION: 3'-LTR
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (5775)..(8630)
; OTHER INFORMATION: plasmid backbone (pUC)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(8630)
; OTHER INFORMATION: retroviral expression vector SPbeta71m4
; US-09-306-417-1

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GenCore version 5.1.7  
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OM nucleic - nucleic search, using sw model

Run on: April 2, 2006, 00:14:36 ; Search time 580.747 Seconds  
(without alignments)  
355.980 Million cell updates/sec

Title: US-10-007-255-15

Perfect score: 25

Sequence: 1 gcttgatccagcagactctctac 25

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA Main:

- 1: /cgn2\_6/ptodata/1/pubpna/US07\_PUBCOMB.seq\*
- 2: /cgn2\_6/ptodata/1/pubpna/US08\_PUBCOMB.seq\*
- 3: /cgn2\_6/ptodata/1/pubpna/US09A\_PUBCOMB.seq\*
- 4: /cgn2\_6/ptodata/1/pubpna/US09B\_PUBCOMB.seq\*
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- 6: /cgn2\_6/ptodata/1/pubpna/US10B\_PUBCOMB.seq\*
- 7: /cgn2\_6/ptodata/1/pubpna/US10C\_PUBCOMB.seq\*
- 8: /cgn2\_6/ptodata/1/pubpna/US10D\_PUBCOMB.seq\*
- 9: /cgn2\_6/ptodata/1/pubpna/US10E\_PUBCOMB.seq\*
- 10: /cgn2\_6/ptodata/1/pubpna/US11\_PUBCOMB.seq\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	25	100.0	25	9 US-10-007-255-15	Sequence 15, Appl
2	25	100.0	25	9 US-10-007-255-32	Sequence 32, Appl
3	25	100.0	3258	9 US-10-794-514A-394	Sequence 394, App
4	25	100.0	3840	7 US-10-384-339C-30	Sequence 30, Appl
5	25	100.0	3860	3 US-09-866-866A-1	Sequence 1, Appl
6	25	100.0	3860	3 US-09-866-866A-3	Sequence 3, Appl
7	25	100.0	4192	8 US-10-651-237-53	Sequence 53, Appl
8	25	100.0	4192	8 US-10-782-413-53	Sequence 53, Appl
9	25	100.0	4533	3 US-09-805-020-30	Sequence 30, Appl
10	25	100.0	4543	5 US-10-072-621-2	Sequence 2, Appl
11	25	100.0	4543	5 US-10-097-340-1	Sequence 1, Appl
12	25	100.0	4543	6 US-10-007-926A-258	Sequence 258, App
13	25	100.0	4543	10 US-11-050-926-1	Sequence 1, Appl
14	25	100.0	4546	3 US-09-968-007A-459	Sequence 459, App
15	25	100.0	4546	3 US-09-968-007A-747	Sequence 747, App
16	25	100.0	4546	7 US-10-641-643-1167	Sequence 1167, Ap
17	25	100.0	4546	7 US-10-343-657-1	Sequence 1, Appl
18	25	100.0	4546	8 US-10-775-169-198	Sequence 198, App
19	25	100.0	4546	9 US-10-843-641A-6929	Sequence 6929, Ap
20	25	100.0	4546	9 US-10-843-641A-7217	Sequence 7217, Ap
21	25	100.0	4546	9 US-10-505-680-164	Sequence 164, App
22	25	100.0	4546	9 US-10-794-514A-392	Sequence 392, App
23	25	100.0	4546	9 US-10-007-255-1	Sequence 1, Appl

C 24	25	100.0	4669	7 US-10-680-516-1	Sequence 1, Appli
C 25	25	100.0	8630	3 US-09-306-417-1	Sequence 1, Appli
C 26	25	100.0	8630	3 US-09-306-417-2	Sequence 2, Appli
C 27	25	100.0	98472	8 US-10-484-577-673	Sequence 673, App
C 28	25	100.0	128993	8 US-10-484-577-681	Sequence 681, App
C 29	24	96.0	3852	6 US-10-101-433A-1	Sequence 1, Appli
C 30	24	96.0	4186	7 US-10-619-359A-1	Sequence 1, Appli
C 31	24	96.0	4195	7 US-10-619-359A-3	Sequence 3, Appli
C 32	22.4	89.6	3153	3 US-10-794-514A-396	Sequence 396, App
C 33	19.6	78.4	31	3 US-09-801-274-269	Sequence 136, App
C 34	19	76.0	19	9 US-10-918-969-136	Sequence 394, App
C 35	19	76.0	19	9 US-10-918-969-394	Sequence 394, App
C 36	18.2	72.8	439	9 US-10-779-543-19354	Sequence 19354, A
C 37	17.6	70.4	334	8 US-10-425-115-130740	Sequence 130740,
C 38	17.2	68.8	25	9 US-10-956-157-199868	Sequence 199868,
C 39	17.2	68.8	514	4 US-09-925-065A-843829	Sequence 843829,
C 40	17.2	68.8	625	4 US-09-925-065A-648732	Sequence 648732,
C 41	17.2	68.8	625	5 US-10-027-632-290365	Sequence 290365,
C 42	17.2	68.8	625	6 US-10-027-632-290365	Sequence 290365,
C 43	17.2	68.8	665	5 US-10-027-632-126989	Sequence 126989,
C 44	17.2	68.8	665	6 US-10-027-632-126989	Sequence 126989,
C 45	17.2	68.8	1005	6 US-10-369-493-26051	Sequence 26051, A

#### ALIGNMENTS

##### RESULT 1

US-10-007-255-15  
; Sequence 15, Application US/10007255  
; Publication No. US20050203036A1  
; GENERAL INFORMATION:  
; APPLICANT: Colgan, Sean  
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an  
; FILE REFERENCE: B0801/7233 (ERP)  
; CURRENT APPLICATION NUMBER: US/10/007,255  
; CURRENT FILING DATE: 2001-10-25  
; EARLIER APPLICATION NUMBER: US 60/243,542  
; EARLIER FILING DATE: 2000-10-26  
; NUMBER OF SEQ ID NOS: 67  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 15  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: homo sapiens  
US-10-007-255-15

Query Match 100.0%; Score 25; DB 9; Length 25;  
Best Local Similarity 100.0%; Pred. No. 0.039;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCAGCAGACTCTCTAC 25

Db 1 GCTTGTGATCCAGCAGACTCTCTAC 25

##### RESULT 2

US-10-007-255-32/c  
; Sequence 32, Application US/10007255  
; Publication No. US20050203036A1  
; GENERAL INFORMATION:  
; APPLICANT: Colgan, Sean  
; TITLE OF INVENTION: Compositions and Methods for Treating Hematologic Malignancies an  
; FILE REFERENCE: B0801/7233 (ERP)  
; CURRENT APPLICATION NUMBER: US/10/007,255  
; CURRENT FILING DATE: 2001-10-25  
; EARLIER APPLICATION NUMBER: US 60/243,542  
; EARLIER FILING DATE: 2000-10-26  
; NUMBER OF SEQ ID NOS: 67  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 32  
; LENGTH: 25  
; TYPE: DNA

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; ORGANISM: homo sapiens
US-10-007-255-32
    Query Match      100.0%; Score 25; DB 9; Length 25;
    Best Local Similarity 100.0%; Pred. No. 0.038;
    Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
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Db 25 GCTTGTGATCCACGGACACTCTCTAC 1

RESULT 3
US-10-794-514A-394/c
; Sequence 394, Application US/10794514A
; Publication No. US20050112134A1
; GENERAL INFORMATION:
; APPLICANT: Graddis, Thomas
; APPLICANT: Laus, Reiner
; APPLICANT: Diegel, Michael
; APPLICANT: Vidovic, Damir
; TITLE OF INVENTION: Compositions and Methods Employing Alternative
; TITLE OF INVENTION: Reading Frame Polypeptides for the Treatment of
; TITLE OF INVENTION: Cancer and Infectious Disease
; FILE REFERENCE: 11311.1003U
; CURRENT APPLICATION NUMBER: US/10/794,514A
; CURRENT FILING DATE: 2004-03-05
; NUMBER OF SEQ ID NOS: 733
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 394
; LENGTH: 3258
; TYPE: DNA
; ORGANISM: Human
US-10-794-514A-394

    Query Match      100.0%; Score 25; DB 9; Length 3258;
    Best Local Similarity 100.0%; Pred. No. 0.038;
    Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
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Db 1807 GCTTGTGATCCACGGACACTCTCTAC 1783

RESULT 4
US-10-384-339C-30/c
; Sequence 30, Application US/10384339C
; Publication No. US20040175703A1
; GENERAL INFORMATION:
; APPLICANT: Kreutzer, Roland
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF A TARGET GE
; FILE REFERENCE: 20200/2002
; CURRENT APPLICATION NUMBER: US/10/384,339C
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: PCT/EP02/00152
; PRIOR FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: DE 10100586.5
; PRIOR FILING DATE: 2001-01-09
; PRIOR APPLICATION NUMBER: DE 10155280.7
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: DE 10158411.3
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: DE 10160151.4
; PRIOR FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 3840
; TYPE: DNA
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; TITLE: mdr-1
; PATENT DOCUMENT NUMBER: AF016535

US-10-384-339C-30
    Query Match      100.0%; Score 25; DB 7; Length 3840;
    Best Local Similarity 100.0%; Pred. No. 0.038;
    Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 2027 GCTTGTGATCCACGGACACTCTCTAC 2003

RESULT 5
US-09-866-866A-1/c
; Sequence 1, Application US/09866866A
; Patent No. US20020102244A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Schuetz, John
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/584,586
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-866A-1

    Query Match      100.0%; Score 25; DB 3; Length 3860;
    Best Local Similarity 100.0%; Pred. No. 0.038;
    Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
    ||||||||||||||||||
Db 2030 GCTTGTGATCCACGGACACTCTCTAC 2006

RESULT 6
US-09-866-866A-3/c
; Sequence 3, Application US/09866866A
; Patent No. US20020102244A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; APPLICANT: Schuetz, John
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/584,586
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 3860
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-866-866A-3

    Query Match      100.0%; Score 25; DB 3; Length 3860;
    Best Local Similarity 100.0%; Pred. No. 0.038;
    Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 GCTTGTGATCCACGGACACTCTTAC 25  
Db 2030 GCTTGTGATCCACGGACACTCTTAC 2006

## RESULT 7

US-10-651-237-53/c  
; Sequence 53, Application US/10651237  
; Publication No. US20050048494A1  
; GENERAL INFORMATION:  
; APPLICANT: Ortho-Clinical Diagnostics, Inc.  
; APPLICANT: Wang, Yixin  
; TITLE OF INVENTION: Colorectal Cancer Prognostics  
; FILE REFERENCE: ADS-5003 US NP  
; CURRENT APPLICATION NUMBER: US/10/651,237  
; CURRENT FILING DATE: 2003-08-27  
; NUMBER OF SEQ ID NOS: 94  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 53  
; LENGTH: 4192  
; TYPE: DNA  
; ORGANISM: human  
US-10-651-237-53

Query Match 100.0%; Score 25; DB 8; Length 4192;  
Best Local Similarity 100.0%; Pred. No. 0.038;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTTAC 25  
Db 2146 GCTTGTGATCCACGGACACTCTTAC 2122

## RESULT 8

US-10-782-413-53/c  
; Sequence 53, Application US/10782413  
; Publication No. US20050048526A1  
; GENERAL INFORMATION:  
; APPLICANT: Ortho-Clinical Diagnostics, Inc.  
; APPLICANT: Wang, Yixin  
; TITLE OF INVENTION: Colorectal Cancer Prognostics  
; FILE REFERENCE: VDX-5002 CIP  
; CURRENT APPLICATION NUMBER: US/10/782,413  
; CURRENT FILING DATE: 2004-02-18  
; PRIOR APPLICATION NUMBER: 10/651,237  
; PRIOR FILING DATE: 2003-08-28  
; NUMBER OF SEQ ID NOS: 94  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 53  
; LENGTH: 4192  
; TYPE: DNA  
; ORGANISM: human  
US-10-782-413-53

Query Match 100.0%; Score 25; DB 8; Length 4192;  
Best Local Similarity 100.0%; Pred. No. 0.038;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTTAC 25  
Db 2146 GCTTGTGATCCACGGACACTCTTAC 2122

## RESULT 9

US-09-805-020-30/c  
; Sequence 30, Application US/09805020  
; Publication No. US20020086384A1  
; GENERAL INFORMATION:  
; APPLICANT: LEVINE, Zurit  
; TITLE OF INVENTION: SPICE VARIANTS OF ONCOGENES  
; FILE REFERENCE: 2786-0168P  
; CURRENT APPLICATION NUMBER: US/09/805,020

; CURRENT FILING DATE: 2001-03-13  
; NUMBER OF SEQ ID NOS: 72  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 30  
; LENGTH: 4533  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(4533)  
; OTHER INFORMATION: any n = a,c,g,t any unknown or other  
US-09-805-020-30

Query Match 100.0%; Score 25; DB 3; Length 4533;  
Best Local Similarity 100.0%; Pred. No. 0.038;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTTAC 25  
Db 2454 GCTTGTGATCCACGGACACTCTTAC 2430

## RESULT 10

US-10-072-621-2/c  
; Sequence 2, Application US/10072621  
; Publication No. US20020169137A1  
; GENERAL INFORMATION:  
; APPLICANT: Reiner, Peter B.  
; APPLICANT: Connop, Bruce P.  
; APPLICANT: Pollard, Michelle  
; TITLE OF INVENTION: REGULATION OF AMYLOID PRECURSOR PROTEIN EXPRESSION  
; FILE REFERENCE: 100103.402  
; CURRENT APPLICATION NUMBER: US/10/072,621  
; CURRENT FILING DATE: 2002-02-08  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 2  
; LENGTH: 4643  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-072-621-2

Query Match 100.0%; Score 25; DB 5; Length 4643;  
Best Local Similarity 100.0%; Pred. No. 0.038;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTTAC 25  
Db 2451 GCTTGTGATCCACGGACACTCTTAC 2427

## RESULT 11

US-10-097-340-1/c  
; Sequence 1, Application US/10097340  
; Publication No. US20030087250A1  
; GENERAL INFORMATION:  
; APPLICANT: John MONAHAN  
; APPLICANT: Manjula GANNAVAPU  
; APPLICANT: Sebastian HOERSCH  
; APPLICANT: Shubhangi KAWATKAR  
; APPLICANT: Steve G. KOVATS  
; APPLICANT: Rachel E. MEYERS  
; APPLICANT: Michael MORRISEY  
; APPLICANT: Peter OLANDT  
; APPLICANT: Ami SEN  
; APPLICANT: Peter VEIBY  
; APPLICANT: Gordon B. MILLS  
; APPLICANT: Robert C. BAST, Jr.  
; APPLICANT: Karen LU  
; APPLICANT: Rosemarie SCHMANDT  
; APPLICANT: Xumei ZHAO  
; APPLICANT: Karen GLATT

; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification, Assessment, Prevention, and Therapy of Ovarian Cancer

; FILE REFERENCE: MRI-030  
; CURRENT APPLICATION NUMBER: US/10/097,340  
; CURRENT FILING DATE: 2002-03-14  
; PRIOR APPLICATION NUMBER: 60/276,025  
; PRIOR FILING DATE: 2001-03-14  
; PRIOR APPLICATION NUMBER: 60/325,149  
; PRIOR FILING DATE: 2001-09-26  
; PRIOR APPLICATION NUMBER: 60/276,026  
; PRIOR FILING DATE: 2001-03-14  
; PRIOR APPLICATION NUMBER: 60/324,967  
; PRIOR FILING DATE: 2001/09/26  
; PRIOR APPLICATION NUMBER: 60/311,732  
; PRIOR FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: 60/325,102  
; PRIOR FILING DATE: 2001-09-26  
; PRIOR APPLICATION NUMBER: 60/323,580  
; PRIOR FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 363  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 4643  
; TYPE: DNA  
; ORGANISM: Homo sapiens

US-10-097-340-1

Query Match 100.0%; Score 25; DB 5; Length 4643;  
Best Local Similarity 100.0%; Pred. No. 0.038;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25  
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Db 2451 GCTTGTGATCCACGGACACTCTCTAC 2427

RESULT 12  
US-10-007-926A-258/c  
; Sequence 258, Application US/10007926A  
; Publication No. US20030143539A1  
; GENERAL INFORMATION:  
; APPLICANT: BERTUCCI, FRANCOIS  
; APPLICANT: HOULGATTE, REMI  
; APPLICANT: BIRNBAUM, DANIEL  
; APPLICANT: NGUYEN, CATHERINE  
; APPLICANT: VIENS, PATRICE  
; APPLICANT: FERT, VINCENT  
; TITLE OF INVENTION: GENE EXPRESSION PROFILING OF PRIMARY BREAST CARCINOMAS  
; FILE REFERENCE: 1546-R-00  
; CURRENT APPLICATION NUMBER: US/10/007,926A  
; CURRENT FILING DATE: 2001-12-07  
; PRIOR APPLICATION NUMBER: 60/254,090  
; PRIOR FILING DATE: 2000-12-08  
; NUMBER OF SEQ ID NOS: 468  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 258  
; LENGTH: 4643  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: atp-binding cassette, sub-family b (ABCb1) gene.  
US-10-007-926A-258

Query Match 100.0%; Score 25; DB 6; Length 4643;  
Best Local Similarity 100.0%; Pred. No. 0.038;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25  
|||  
Db 2451 GCTTGTGATCCACGGACACTCTCTAC 2427

RESULT 13

US-11-050-926-1/c  
; Sequence 1, Application US/11050926  
; Publication No. US20050214831A1  
; GENERAL INFORMATION:  
; APPLICANT: John MONAHAN  
; APPLICANT: Manjula GANNAVAPU  
; APPLICANT: Sebastian HOERSCH  
; APPLICANT: Shubhangi KAWATKAR  
; APPLICANT: Steve G. KOVATS  
; APPLICANT: Rachel E. MEYERS  
; APPLICANT: Michael MORRISEY  
; APPLICANT: Peter OLANDT  
; APPLICANT: Ami SEN  
; APPLICANT: Peter VEIBY  
; APPLICANT: Gordon B. MILLS  
; APPLICANT: Robert C. BAST, Jr.  
; APPLICANT: Karen LU  
; APPLICANT: Rosemarie SCHMANDT  
; APPLICANT: Xumei ZHAO  
; APPLICANT: Karen GLATT  
; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification, Assessment, Prevention, and Therapy of Ovarian Cancer  
; FILE REFERENCE: MRI-030  
; CURRENT APPLICATION NUMBER: US/11/050,926  
; CURRENT FILING DATE: 2005-02-04  
; PRIOR APPLICATION NUMBER: US/10/097,340  
; PRIOR FILING DATE: 2002-03-14  
; PRIOR APPLICATION NUMBER: 60/276,025  
; PRIOR FILING DATE: 2001-03-14  
; PRIOR APPLICATION NUMBER: 60/325,149  
; PRIOR FILING DATE: 2001-09-26  
; PRIOR APPLICATION NUMBER: 60/276,026  
; PRIOR FILING DATE: 2001-03-14  
; PRIOR APPLICATION NUMBER: 60/324,967  
; PRIOR FILING DATE: 2001/09/26  
; PRIOR APPLICATION NUMBER: 60/311,732  
; PRIOR FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: 60/325,102  
; PRIOR FILING DATE: 2001-09-26  
; PRIOR APPLICATION NUMBER: 60/323,580  
; PRIOR FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 363  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 4643  
; TYPE: DNA  
; ORGANISM: Homo sapiens

US-11-050-926-1

Query Match 100.0%; Score 25; DB 10; Length 4643;  
Best Local Similarity 100.0%; Pred. No. 0.038;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25  
|||  
Db 2451 GCTTGTGATCCACGGACACTCTCTAC 2427

RESULT 14  
US-09-968-007A-459/c  
; Sequence 459, Application US/09968007A  
; Publication No. US20040115625A1  
; GENERAL INFORMATION:  
; APPLICANT: Ebner, Reinhard  
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signal  
; FILE REFERENCE: 689290-71  
; CURRENT APPLICATION NUMBER: US/09/968,007A  
; CURRENT FILING DATE: 2001-10-02  
; PRIOR APPLICATION NUMBER: US/60/237,172  
; PRIOR FILING DATE: 2000-10-02

Query Match 100.0%; Score 25; DB 10; Length 4643;  
Best Local Similarity 100.0%; Pred. No. 0.038;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25  
|||  
Db 2451 GCTTGTGATCCACGGACACTCTCTAC 2427

; PRIOR APPLICATION NUMBER: US/60/237,173  
 ; PRIOR FILING DATE: 2000-10-02  
 ; PRIOR APPLICATION NUMBER: US/60/237,278  
 ; PRIOR FILING DATE: 2000-10-02  
 ; PRIOR APPLICATION NUMBER: US/60/237,294  
 ; PRIOR FILING DATE: 2000-10-02  
 ; PRIOR APPLICATION NUMBER: US/60/237,295  
 ; PRIOR FILING DATE: 2000-10-02  
 ; PRIOR APPLICATION NUMBER: US/60/237,316  
 ; PRIOR FILING DATE: 2000-10-02  
 ; NUMBER OF SEQ ID NOS: 1001  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 459  
 ; LENGTH: 4646  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-968-007A-459

Query Match 100.0%; Score 25; DB 3; Length 4646;  
 Best Local Similarity 100.0%; Pred. No. 0.038;  
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTAC 25  
 ||||||||||||||||||||  
 Db 2454 GCTTGTGATCCACGGACACTCTAC 2430

RESULT 15  
 US-09-968-007A-747/c  
 ; Sequence 747, Application US/09968007A  
 ; Publication No. US20040115825A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ebner, Reinhard  
 ; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signa  
 ; FILE REFERENCE: 689290-71  
 ; CURRENT APPLICATION NUMBER: US/09/968,007A  
 ; CURRENT FILING DATE: 2001-10-02  
 ; PRIOR APPLICATION NUMBER: US/60/237,172  
 ; PRIOR FILING DATE: 2000-10-02  
 ; PRIOR APPLICATION NUMBER: US/60/237,173  
 ; PRIOR FILING DATE: 2000-10-02  
 ; PRIOR APPLICATION NUMBER: US/60/237,278  
 ; PRIOR FILING DATE: 2000-10-02  
 ; PRIOR APPLICATION NUMBER: US/60/237,294  
 ; PRIOR FILING DATE: 2000-10-02  
 ; PRIOR APPLICATION NUMBER: US/60/237,295  
 ; PRIOR FILING DATE: 2000-10-02  
 ; PRIOR APPLICATION NUMBER: US/60/237,316  
 ; PRIOR FILING DATE: 2000-10-02  
 ; NUMBER OF SEQ ID NOS: 1001  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 747  
 ; LENGTH: 4646  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-968-007A-747

Query Match 100.0%; Score 25; DB 3; Length 4646;  
 Best Local Similarity 100.0%; Pred. No. 0.038;  
 Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCTTGTGATCCACGGACACTCTAC 25  
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 Db 2454 GCTTGTGATCCACGGACACTCTAC 2430

Search completed: April 2, 2006, 11:52:28  
 Job time : 581.747 secs

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Perfect score: 25  
Sequence: 1 gcttgtatccacgacactctac 25

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 9263891 seqs, 1996499642 residues

Total number of hits satisfying chosen parameters: 18527782

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

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  - 3: /SIDSS/ptodata/2/pubpna/US07\_NEW\_PUB.seq:\*
  - 4: /SIDSS/ptodata/2/pubpna/PCT\_NEW\_PUB.seq:\*
  - 5: /SIDSS/ptodata/2/pubpna/US09\_NEW\_PUB.seq:\*
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  - 10: /SIDSS/ptodata/2/pubpna/US10\_NEW\_PUB.seq:\*
  - 11: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq:\*
  - 12: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq:\*
  - 13: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq:\*
  - 14: /SIDSS/ptodata/2/pubpna/US11\_NEW\_PUB.seq:\*
  - 15: /SIDSS/ptodata/2/pubpna/US60\_NEW\_PUB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	25	100.0	4192	7	US-10-782-413-53
C 2	25	100.0	4192	9	US-10-826-585-36
C 3	25	100.0	4646	8	US-10-775-169-138
C 4	25	100.0	4646	14	US-11-045-578-5
5	18.2	72.8	1857	8	US-10-750-185-30857
6	18.2	72.8	1857	8	US-10-750-623-30857
7	17.2	68.8	514	6	US-09-925-065A-843829
8	17.2	68.8	625	6	US-09-925-065A-648732
9	17	68.0	409	9	US-10-301-480-9902
10	17	68.0	409	10	US-10-301-480-623111
C 11	17	68.0	583	6	US-09-925-065A-386530
C 12	17	68.0	610	10	US-10-301-480-455104
C 13	17	68.0	610	10	US-10-301-480-1068513
14	17	68.0	656	6	US-09-925-065A-705937
15	17	68.0	656	6	US-09-925-065A-705938
16	17	68.0	656	6	US-09-925-065A-705939
17	17	68.0	656	6	US-09-925-065A-705940
18	17	68.0	656	6	US-09-925-065A-705941

19	17	68.0	656	6	US-09-925-065A-705942
20	17	68.0	672	10	US-10-301-480-609302
21	17	68.0	713	10	US-10-301-480-1222711
22	17	68.0	713	10	US-10-301-480-609301
23	17	68.0	713	10	US-10-301-480-1222710
24	17	68.0	1341	8	US-10-467-657-5833
25	17	68.0	1535	9	US-10-301-480-100536
C 26	17	68.0	1535	10	US-10-301-480-713945
C 27	17	68.0	1766	11	US-11-096-568A-22802
C 28	17	68.0	2069	8	US-10-750-185-56936
C 29	17	68.0	2069	8	US-10-750-623-56936
C 30	16.8	67.2	10177	14	US-11-124-367A-183
C 31	16.8	67.2	10240	14	US-11-124-367A-184
C 32	16.8	67.2	10372	14	US-11-124-367A-181
C 33	16.8	67.2	10471	14	US-11-124-367A-180
C 34	16.8	67.2	10475	14	US-11-124-367A-182
C 35	16.8	67.2	32038	14	US-11-124-367A-5071
C 36	16.6	66.4	468	6	US-09-925-065A-105199
C 37	16.6	66.4	472	9	US-10-301-480-205311
C 38	16.6	66.4	472	10	US-10-301-480-818720
39	16.6	66.4	515	6	US-09-925-065A-6758
40	16.6	66.4	515	6	US-09-925-065A-6759
41	16.6	66.4	515	9	US-10-301-480-107995
42	16.6	66.4	515	9	US-10-301-480-107996
43	16.6	66.4	515	10	US-10-301-480-721404
44	16.6	66.4	515	10	US-10-301-480-721405
45	16.6	66.4	589	6	US-09-925-065A-850090

ALIGNMENTS

RESULT 1

US-10-782-413-53/c  
; Sequence 53, Application US/10782413  
; Publication No: US20060063157A9  
; GENERAL INFORMATION:  
; APPLICANT: Ortho-Clinical Diagnostics, Inc.  
; APPLICANT: Wang, Yixin  
; TITLE OF INVENTION: Colorectal Cancer Prognostics  
; FILE REFERENCE: VDX-5002 CIP  
; CURRENT APPLICATION NUMBER: US/10782,413  
; CURRENT FILING DATE: 2004-02-18  
; PRIOR APPLICATION NUMBER: 10/651,237  
; PRIOR FILING DATE: 2003-08-28  
; NUMBER OF SEQ ID NOS: 94  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 53  
; LENGTH: 4192  
; TYPE: DNA  
; ORGANISM: human  
US-10-782-413-53

Query Match 100.0%; Score 25; DB 7; Length 4192;  
Best Local Similarity 100.0%; Pred. No. 0.02;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 GCTTGTGATCCACGACACTCTAC 25

Db 2146 GCTTGTGATCCACGACACTCTAC 2122

RESULT 2

US-10-826-585-36/c  
; Sequence 36, Application US/10826585  
; Publication No. US20060008807A1  
; GENERAL INFORMATION:  
; APPLICANT: Immunivest Corporation  
; APPLICANT: O'Hara, Shawn Mark  
; APPLICANT: Foulk, Brad  
; APPLICANT: Zweitzig, Daniel  
; TITLE OF INVENTION: Multiparameter analysis of comprehensive nucleic acids and morphological features on the same sample

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; FILE REFERENCE: IMMC 143 PCT/US
; CURRENT APPLICATION NUMBER: US/10/826,585
; CURRENT FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: 60/369945
; PRIOR FILING DATE: 2002-04-04
; PRIOR APPLICATION NUMBER: 60/330669
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US02/26867
; PRIOR FILING DATE: 2002-08-23
; NUMBER OF SEQ ID NOS: 131
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 36
; LENGTH: 4192
; TYPE: DNA
; ORGANISM: Human
US-10-826-585-36

Query Match      100.0%; Score 25; DB 9; Length 4192;
Best Local Similarity 100.0%; Pred. No. 0.02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCCTAC 25
Db 2146 GCTTGTGATCCACGGACACTCCTAC 2122

RESULT 3
US-10-775-169-198/c
; Sequence 198, Application US/10775169
; Publication No. US20050287532A9
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dörner, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 198
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-775-169-198

Query Match      100.0%; Score 25; DB 8; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCCTAC 25
Db 2454 GCTTGTGATCCACGGACACTCCTAC 2430

RESULT 4
US-11-045-578-5/c
; Sequence 5, Application US/11045578
; Publication No. US20060024685A1
; GENERAL INFORMATION:
; APPLICANT: HO, Rodney J.Y.
; APPLICANT: YANG, Ziping
; APPLICANT: SHEN, Danny D.
; APPLICANT: WU, Daniel
; TITLE OF INVENTION: NOVEL SEQUENCE VARIANTS OF MULTI-DRUG RESISTANCE GENES, MDR1 AND
; TITLE OF INVENTION: MRP1, AND RECOMBINANT CELLS EXPRESSING MRP1 AND MDR1 FOR
; TITLE OF INVENTION: ASSESSMENT OF DRUG PENETRATION AND DISPOSITION
; FILE REFERENCE: 016336-002510US
; CURRENT APPLICATION NUMBER: US/11/045,578
; CURRENT FILING DATE: 2005-01-26
; PRIOR APPLICATION NUMBER: US 60/539,362
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; PRIOR FILING DATE: 2004-01-26
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 5
; LENGTH: 4646
; TYPE: DNA
; ORGANISM: human MDRI
US-11-045-578-5

Query Match      100.0%; Score 25; DB 14; Length 4646;
Best Local Similarity 100.0%; Pred. No. 0.02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCCTAC 25
Db 2454 GCTTGTGATCCACGGACACTCCTAC 2430

RESULT 5
US-10-750-185-30857
; Sequence 30857, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30857
; LENGTH: 1857
; TYPE: DNA
; ORGANISM: Bovine 19866880179280
US-10-750-185-30857

Query Match      72.8%; Score 18.2; DB 8; Length 1857;
Best Local Similarity 87.0%; Pred. No. 48;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3 TTGTGATCCACGGACACTCCTAC 25
Db 576 TTGGGATCCACGGATACCTCTGC 598

RESULT 6
US-10-750-623-30857
; Sequence 30857, Application US/10750623
; Publication No. US20050287531A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-1
; CURRENT APPLICATION NUMBER: US/10/750,623
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
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Query Match      68.0%; Score 17; DB 10; Length 409;
Best Local Similarity 80.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
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Db 259 GCTTGAGATACTCAGACACTCTCTAC 283

RESULT 11
US-09-925-065A-386530/c
; Sequence 386530, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US 09/925,065A
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 386530
; LENGTH: 583
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-386530

Query Match      68.0%; Score 17; DB 6; Length 583;
Best Local Similarity 80.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
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Db 188 GCTTGTGATCTCGAACATCTCTTC 164

RESULT 12
US-10-301-480-455104/c
; Sequence 455104, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 455104
; LENGTH: 610
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-455104

Query Match      68.0%; Score 17; DB 10; Length 610;
Best Local Similarity 80.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
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QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
   ||||| ||||| ||||| ||||| |||||
Db 215 GCTTGTGATCTCGAACATCTCTTC 191

RESULT 13
US-10-301-480-1068513/c
; Sequence 1068513, Application US/10301480
; Publication No. US20060057564A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.137
; CURRENT APPLICATION NUMBER: US/10/301,480
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US 10/215,598
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 60/311,695
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 1226818
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1068513
; LENGTH: 610
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-301-480-1068513

Query Match      68.0%; Score 17; DB 10; Length 610;
Best Local Similarity 80.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
   ||||| ||||| ||||| ||||| |||||
Db 215 GCTTGTGATCTCGAACATCTCTTC 191

RESULT 14
US-09-925-065A-705937
; Sequence 705937, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 705937
; LENGTH: 656
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-705937

Query Match      68.0%; Score 17; DB 6; Length 656;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 GCTTGTGATCCACGGACACTCTCTAC 25
   ||||| ||||| ||||| ||||| |||||
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Db 312 GCCTGGAATCCAAGGACACTCTTAC 336

**RESULT 15**

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US-09-925-065A-705938
; Sequence 705938, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; Nucleotide Polymorphisms in the Human Genome
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FAST-SEQ for Windows Version 4.0
; SEQ ID NO 705938
; LENGTH: 656
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-705938

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Query Match	68.0%;	Score 17;	DB 6;	Length 656;
Best Local Similarity	80.0%;	Pred. No. 1.7e+02;		
Matches 20;	Conservative	0;	Mismatches 5;	Indels 0;
			Gaps	0;

**Qy**      1 GCTTGTGATCCACGGACACTCCTTAC 25  
          ||| ||| ||| ||| ||| ||| ||| |||  
**Db**     312 GCCTGGAATCCAAGGACACTCTTTAC 336

Search completed: April 2, 2006, 01:44:36  
Job time : 514.506 secs

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